SUPPLEMENT

TO THE

BRITISH MEDICAL JOURNAL.

LONDON, SATURDAY, AUGUST 12TH, 1905.

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ASSOCIATION INTELLIGENCE.

PROCEEDINGS OF COUNCIL.

AT a meeting of the Council held in the Clifton Rooms of the Y.M.C.A., London Road, Leicester, on Tuesday, July 25th, 1905.

Present:

Mr. ANDREW CLARK, D Sc., Chairman of Council, in the Chair; afterwards Dr. H. W. LANGLEY BROWNE.
Mr. G. C. FRANKLIN, F.R.C.S., President.
Dr. WILLIAM COLLIER, Past-President.
Sir VICTOR HORSLEY, F.R.S., Chairman of Representative Meetings.
Dr. E. MARKHAM SKERRITT, Treasurer.

Dr. JOHN FORD ANDERSON, London.
Dr. MICHAEL BEVERLEY, Norwich.
Dr. T. R. BRADSHAW, Liverpool.
Dr. R. COCHRANE BUIST, Dundee.
Dr. W. A. CARLINE, Lincoln.
Dr. JAMES CRAIG, Dublin.
Mr. PEARSON R. CRESSWELL, C.B., Dowlais.
Mr. E. J. DOMVILLE, Exeter.
Mr. GEORGE EASTES, London.
Dr. JOHN H. GALTON, Upper Norwood.
Dr. BRUCE GOFF, Bothwell.
Dr. DAVID GOYDER, Bradford.
Dr. T. D. GRIFFITHS, Swansea.
Dr. J. GROVES, Carisbrooke.
Dr. JAMES HAMILTON, Glasgow.
Dr. T. ARTHUR HELME, Manchester.
Dr. J. H. HUNTER, South Shields.
Mr. R. H. KINSEY, Bedford.
Mr. W. JONES MORRIS, Portmadoc.
Professor J. T. J. MORRISON, Birmingham.
Dr. J. MURRAY, Inverness.
Mr. C. H. W. PARKINSON, Wimborne Minster.
Dr. F. M. POPE, Leicester.
Dr. EDWIN RAYNER, Stockport.
Mr. H. BETHAM ROBINSON, M.S., London.
Dr. CECIL E. SHAW, Belfast.
Dr. F. O. SIEDMAN (Hong Kong Branch), Goring-on-Thames.
Mr. C. R. STRATON, Salisbury.
Mr. JOHN LYNN THOMAS, C.B., Cardiff.
Mr. H. G. THOMASZ (Colombo, Ceylon Branch), London.
Mr. T. JENNER VERRALL, Brighton.
Dr. NORMAN WALKER, Edinburgh.
Dr. DENIS WALSHE, Craigue.

The minutes of the last meeting having been printed and circulated were taken as read and signed as correct.

Read letters of apology for non-attendance from Dr. Edgar Barnes, Dr. J. Brassey Brierley, Dr. McKenzie Johnston, Dr. Milburn, Dr. Maxwell Ross, and Mr. George Rowell.

The CHAIRMAN OF COUNCIL reported that the number of Representative Members returned to the Council was sixty, and therefore, under By-law 31, the Council was entitled to co-opt six members.

A ballot having been taken, Professor William Osler, F.R.S., Mr. Edmund Owen, and Professor R. Saundby were declared elected as co-opted members of the Council for the ensuing twelve months.

Moved by Mr. JONES MORRIS, seconded by Dr. GOYDER, and

Resolved: That a vote of thanks be given to the retiring members of Council for their past services.

Resolved: That the Standing Orders be affirmed and be declared the Standing Orders of the Council for the ensuing year.

The returns of the election of Representatives of Branches on the Council were reported:

Aberdeen Branch.—Professor David W. Finlay, M.D., LL.D., 2, Queen's Terrace, Aberdeen. *Barbados Branch.*—Dr. C. G. Gooding, 67, Brockley Road, S.E. *Bath and Bristol Branch.*—Dr. E. Markham Skerritt, Bristol. *Bermuda Branch.*—(No return.) *Birmingham Branch.*—Dr. H. W. Langley Browne, West Bromwich; Professor J. T. J. Morrison, 3, Great Charles Street, Birmingham. *Bombay Branch.*—(No return.) *Border Counties Branch and North Lancashire and Westmorland Branch (United).*—Dr. J. Maxwell Ross, County Buildings, Dumfries (see also North Lancashire and South Westmorland). *Brisbane and Queensland Branch.*—Dr. H. A. Francis, 2, Henrietta Street, Cavendish Square, W. *British Guiana Branch.*—(No return.) *Burmah Branch.*—

Major C. Duer, I.M.S., c.o. National Bank of India, Threadneedle Street, E.C. *Cambridge and Huntingdon Branch and East York and North Lincoln Branch (United).*—Dr. C. H. Milburn, 158, Anlaby Road, Hull (see also East York and North Lincoln). *Cape of Good Hope Eastern Provinces Branch.*—(No return.) *Cape of Good Hope Western Provinces Branch.*—(No return.) *Colombo, Ceylon Branch.*—Dr. H. George Thomasz, c.o. Crown Agents to the Colonies, Whitehall, S.W. *Connaught Branch and Ulster Branch (United).*—Professor J. W. Byers, M.D., Lower Crescent, Belfast (see also Ulster); Dr. Cecil E. Shaw, College Square East, Belfast. *Dorset and West Hants Branch and West Somerset Branch (United).*—Mr. C. H. Watts Parkinson, Wimborne Minster (see also West Somerset). *Dundee Branch, Perth Branch and Stirling Branch (United).*—Dr. R. Cochrane Buist, 166, Nethergate, Dundee (see also Perth and Stirling). *East Anglian Branch.*—Dr. Edgar George Barnes, Eye, Suffolk; Dr. M. Beverley, 54, Prince of Wales Road, Norwich. *East York and North Lincoln Branch and Cambridge and Huntingdon Branch (United).*—Dr. C. H. Milburn, 158, Anlaby Road, Hull (see also Cambridge and Huntingdon). *Edinburgh Branch and Fife Branch (United).*—Dr. Robert McKenzie Johnston, 2, Drumsheugh Gardens, Edinburgh (see also Fife); Dr. Norman Walker, 7, Manor Place, Edinburgh (see also Fife). *Fife Branch and Edinburgh Branch (United).*—Dr. Robert McKenzie Johnston, 2, Drumsheugh Gardens, Edinburgh (see also Edinburgh); Dr. Norman Walker, 7, Manor Place, Edinburgh (see also Edinburgh). *Glasgow and West of Scotland Branch.*—Dr. Bruce Goff, The Lindens, Bothwell, Lanarkshire; Dr. James Hamilton, 1, Royal Crescent, Crosshill, Glasgow. *Gloucestershire Branch and Worcestershire and Herefordshire Branch (United).*—Dr. G. W. Crowe, 43, Foregate Street, Worcester (see also Worcester and Hereford). *Griqualand West Branch.*—(No return.) *Halifax, Nova Scotia Branch.*—(No return.) *Hong Kong and China Branch.*—Dr. F. O. Stedman, St. Mary's, Manor Road, Goring-on-Thames. *Jamaica Branch.*—Mr. D. J. Williams. *Lancashire and Cheshire Branch.*—Dr. T. R. Bradshaw, 51, Rodney Street, Liverpool; Dr. J. Brassey Brierley, Alma House, Old Trafford, Manchester; Dr. T. Arthur Helme, "Mayfield," Victoria Park, Manchester; Dr. Edwin Rayner, 19, Teviot Dale, Stockport. *Leeward Islands Branch.*—(No return.) *Leinster Branch and South-Eastern of Ireland Branch (United).*—Dr. James Craig, 18, Merrion Square, Dublin (see also South-Eastern of Ireland); Dr. Denis Walshe, Bellevue, Graigue, co. Kilkenny (see also South-Eastern of Ireland). *Malaya Branch.*—Dr. T. C. Mugliston, Chief M.O., Northern Settlements, Penang. *Malta and Mediterranean Branch.*—Professor W. R. Smith, M.D., F.R.S.E., 74, Great Russell Street, W.C. *Melbourne and Victoria Branch.*—(No return). *Metropolitan Counties Branch.*—Dr. John Ford Anderson, 41, Belsize Park, N.W.; Mr. Andrew Clark, D.Sc., F.R.C.S., 71, Harley Street, W.; Mr. George Eastes, M.B., 35, Gloucester Terrace, Hyde Park, W.; Mr. H. Betham Robinson, M.S., 1, Upper Wimpole Street, W.; Mr. George Rowell, F.R.C.S., 6, Cavendish Place, W. *Midland Branch.*—Dr. W. A. Carline, Lincoln; Dr. F. M. Pope, 4, Prebend Street, Leicester. *Montreal Branch.*—(No return.) *Munster Branch.*—Dr. J. J. Giusani, St. Patrick's Hill, Cork. *Natal Branch.*—(No return.) *New Zealand Branch.*—(No return.) *North of England Branch.*—Dr. J. H. Hunter, Havelock Street, South Shields; Dr. Arthur T. Wear, 1, Wentworth Place, Newcastle-on-Tyne. *Northern Counties of Scotland Branch.*—Dr. James Murray, 6, Ardross Terrace, Inverness. *North Lancashire and South Westmorland Branch and Border Counties Branch (United).*—Dr. J. Maxwell Ross, County Buildings, Dumfries (see also Border Counties). *North Wales and Shropshire and Mid-Wales Branch (United).*—Mr. W. Jones Morris, Portmadoc. *Oxford and Reading Branch.*—Dr. C. W. Marriott, Aubrey House, Bath Road, Reading. *Perth Branch, Dundee Branch, and Stirling Branch (United).*—Dr. R. Cochrane Buist, 166, Nethergate, Dundee (see also Dundee and Stirling). *Shropshire and Mid-Wales Branch and North Wales (United).*—Mr. W. Jones Morris, Portmadoc. *South Australian Branch.*—Dr. C. G. D. Morier, 1, Hamilton Terrace, St. John's Wood, N.W. *South-Eastern Branch.*—Dr. J. H. Galton, Chunam, Sylvan Road, Upper Norwood, S.E.; Dr. W. J. Tyson, 10, Langhorne Gardens, Folkestone; Mr. T. Jenner Verrall, 97, Montpelier Road, Brighton. *South-Eastern of Ireland Branch and Leinster Branch (United).*—Dr. James Craig, 18, Merrion Square, Dublin (see also Leinster); Dr. Denis Walshe, Bellevue, Graigue, co. Kilkenny (see also Leinster). *Southern Branch.*—Dr. J. Groves, Carisbrooke, Isle of Wight; Mr. Charles Robert Straton, F.R.C.S., West Lodge, Wilton, Salisbury. *South Indian and Madras Branch.*—(No return.) *South Midland Branch.*—Mr. R. H. Kinsey, 10, Rothsay Gardens, Bedford. *South Wales and Monmouthshire Branch.*—Mr. Pearson R. Cresswell, C.B., Dowlais; Mr. John Lynn Thomas, C.B., F.R.C.S., 21, Windsor Place, Cardiff. *South-Western Branch.*—Mr. E. J. Domville, Northernhay House, Exeter; Dr. Edward Lawrence Fox, 9, Osborne Place, Plymouth. *Staffordshire Branch.*—Mr. W. D. Spanton, Chatterley House, Hanley. *Stirling Branch, Dundee Branch, and Perth Branch (United).*—Dr. R. Cochrane Buist, 166, Nethergate, Dundee (see also Dundee and Perth). *Sydney and New South Wales Branch.*—Dr. C. J. Martin, Lister Institute of Preventive Medicine, Chelsea, S.W.; Dr. G. E. Twynam, 31, Gledhow Gardens, South Kensington, S.W. *Toronto Branch.*—(No return.) *Trinidad and Tobago Branch.*—(No return.) *Ulster Branch and Connaught Branch (United).*—Professor J. W. Byers, M.D., Lower Crescent, Belfast (see also Connaught); Dr. Cecil Shaw, College Square East, Belfast. *Western Australian Branch.*—(No return). *West Somerset Branch and Dorset and West Hants Branch (United).*—Mr. C. H. Watts Parkinson, Wimborne Minster (see also Dorset and West Hants). *Worcestershire and Herefordshire Branch and Gloucestershire Branch (United).*—Dr. G. W. Crowe, 43, Foregate Street, Worcester (see also Gloucestershire). *Yorkshire Branch.*—Dr. Duncan Burgess, 442, Glossop Road, Sheffield; Dr. D. Goyder, 88, Great Horton Road, Bradford.

The 7 candidates whose names appeared on the notice convening the meeting were duly elected members of the British Medical Association.

Resolved: That the Council approve of the alteration of Rules of the Lancashire and Cheshire Branch submitted by the Chairman of the Organization Committee.

Resolved: That Fleet Surgeon J. Lloyd Thomas, R.N., be elected a Representative of the Royal Navy Medical Service in accordance with By-law 22. That the election of Representatives of the Army Medical Service and the Indian Medical Service be postponed until the October Council.

The CHAIRMAN OF COUNCIL reported that his term of office having expired, it was necessary, under Article XXXVII., to elect a new Chairman.

Moved by Dr. NORMAN WALKER, seconded by Dr. CRAIG, and

Resolved: That Dr. H. W. Langley Browne be elected Chairman of Council for the ensuing three years.

Mr. ANDREW CLARK, the retiring Chairman of Council, then inducted Dr. H. W. Langley Browne to the chair, and handed him the Chairman of Council's key of the seal of the Association.

Dr. Langley Browne having taken the chair, it was

Moved by Dr. GALTON, seconded by Dr. GROVES, and unanimously

Resolved: That the cordial thanks of the Association be given to Mr. Andrew Clark for the able way in which he has presided over the Council during the past three years, and for his great attention to the affairs of the Association.

Resolved: That the consideration of the minutes of the Ethical Committee be postponed until to-morrow.

AT a meeting of the Council held in the Clifton Rooms of the Y.M.C.A., London Road, Leicester, on Wednesday, July 26th, 1905.

Present:

Dr. H. W. LANGLEY BROWNE, Chairman of Council, in the Chair.
Mr. GEO. C. FRANKLIN, President.
Dr. WILLIAM COLLIER, Past-President.
Sir VICTOR HORSLEY, F.R.S., Chairman of Representative Meetings.
Dr. H. RADCLIFFE CROCKER, Treasurer.

Dr. JOHN FORD ANDERSON, London.
Dr. EDGAR G. BARNES, Eye.
Dr. M. BEVERLEY, Norwich.
Dr. T. R. BRADSHAW, Liverpool.
Dr. R. COCHRANE BUIST, Dundee.
Dr. W. A. CARLINE, Lincoln.
Mr. ANDREW CLARK, D.Sc., London.
Dr. JAMES CRAIG, Dublin.
Mr. PEARSON R. CRESSWELL, C.B., Dowlais.
Mr. E. J. DOMVILLE, Exeter.
Mr. GEORGE EASTES, London.
Dr. JOHN H. GALTON, Upper Norwood.
Dr. BRUCE GOFF, Bothwell.
Dr. D. GOYDER, Bradford.
Dr. J. GROVES, Carisbrooke.
Dr. JAMES HAMILTON, Glasgow.
Dr. T. ARTHUR HELME, Manchester
Dr. J. H. HUNTER, South Shields.
Mr. R. H. KINSEY, Bedford.
Mr. W. JONES MORRIS, Portmadoc.
Professor J. T. J. MORRISON, Birmingham.
Dr. JAMES MURRAY, Inverness.
Mr. C. H. WATTS PARKINSON, Wimborne.
Dr. FRANK M. POPE, Leicester.
Dr. EDWIN RAYNER, Stockport.
Mr. H. BETHAM ROBINSON, M.S., London.
Professor ROBERT SAUNDBY, M.D., Birmingham.
Dr. CECIL E. SHAW, Belfast.
Dr. E. MARKHAM SKERRITT, Bristol.
Professor W. R. SMITH, M.D. (Malta and Mediterranean Branch), London.
Mr. W. D. SPANTON, Hanley.
Dr. F. O. STEDMAN (Hong Kong Branch), London.
Mr. C. R. STRATON, Salisbury.
Fleet Surgeon J. LLOYD THOMAS, R.N., Portsmouth.
Mr. JOHN LYNN THOMAS, C.B., Cardiff.
Mr. H. G. THOMASZ (Colombo, Ceylon Branch), London.
Dr. W. J. TYSON, Folkestone.
Mr. T. JENNER VERRALL, Brighton.
Dr. NORMAN WALKER, Edinburgh.
Dr. DENIS WALSHE, Graigue.
Dr. A. T. WEAR, Newcastle-on-Tyne.

The minutes of the last meeting having been printed in the *Daily Journal* were taken as read and ordered to be signed as correct.

Resolved: That the fixed meetings of the Council for the ensuing twelve months be held at 2 o'clock on the following dates:—

1905—October 18th	1906—March 14th
,, December 13th	,, April 18th
1906—January 17th	,, July 4th,

and that the quarterly accounts be presented at the October, January, April, and July Meetings.

The minutes of the Ethical Committee of July 14th, 1905, deferred from the previous day, were then considered.

The following resolution, arising out of the minutes of the Ethical Committee, was carried:

That a member having been afforded an opportunity of tendering the apology which has been required of him by the Branch of which he is a member, pursuant to the Rules of the Branch, and having refused to do so, his action in so refusing to conform to the

Regulations of the Association is, in the opinion of the Council, detrimental to the honour and interests of the medical profession within the meaning of Article XLIII, and the Council do adopt the recommendation of the Branch in question by expelling the said member from the Association, in pursuance of Article XLIV.

Moved by Dr. Groves, seconded by Dr. Tyson, and

Resolved: That the remaining business arising out of the Ethical minutes be postponed until to-morrow.

Resolved: That it be recommended to the General Meeting that the Annual General Meeting in 1906 be held in Toronto, Canada, and that the election of the President-elect for the 1906 meeting be deferred until the October meeting of Council.

The Chairman reported receipt of invitation to hold the Annual Meeting in 1907 in Bradford.

Resolved: That the Council approves of a meeting of the Branch and Division Secretaries being held on Thursday, at 5 p.m.

At a meeting of the Council held in the Clifton Rooms of the Y.M.C.A., London Road, Leicester, on Thursday, July 27th, 1905.

Present:

Dr. H. W. Langley Browne, Chairman of Council, in the Chair.
Mr. George C. Franklin, President.
Sir Victor Horsley, F.R.S., Chairman of Representative Meetings.
Dr. H. Radcliffe Crocker, Treasurer.

Dr. John Ford Anderson, London.
Dr. E. G. Barnes, Eye.
Dr. M. Beverley, Norwich.
Dr. J. Brassey Brierley, Old Trafford.
Dr. R. Cochrane Buist, Dundee.
Professor J. W. Byers, M.D., Belfast.
Dr. W. A. Carline, Lincoln.
Mr. Andrew Clark, D.Sc., London.
Dr. James Craig, Dublin.
Mr. Pearson R. Cresswell, C.B., Dowlais.
Mr. E. J. Domville, Exeter.
Mr. George Eastes, London.
Dr. John H. Galton, Upper Norwood.
Dr. Bruce Goff, Bothwell.
Dr. D. Goyder, Bradford.
Dr. Joseph Groves, Carisbrooke.
Dr. James Hamilton, Glasgow.
Dr. James H. Hunter, South Shields.
Mr. R. H. Kinsey, Bedford.
Dr. W. Jones Morris, Portmadoc.
Professor J. T. J. Morrison, Birmingham.
Dr. J. Murray, Inverness.
Mr. C. H. W. Parkinson, Wimborne Minster.
Dr. Frank M. Pope, Leicester.
Dr. Edwin Rayner, Stockport.
Mr. H. Betham Robinson, M.S., London.
Professor Robert Saundby, M.D., Birmingham.
Dr. Cecil E. Shaw, Belfast.
Dr. E. Markham Skerritt, Bristol.
Professor W. R. Smith, M.D. (Malta and Mediterranean Branch), London.
Mr. W. D. Spanton, Hanley.
Dr. F. O. Stedman (Hong Kong Branch), Goring-on-Thames.
Mr. C. R. Straton, Salisbury.
Fleet Surgeon J. Lloyd Thomas, R.N., Portsmouth.
Mr. John Lynn Thomas, C.B., Cardiff.
Mr. H. G. Thomasz (Colombo, Ceylon Branch), London.
Dr. W. J. Tyson, Folkestone.
Mr. T. Jenner Verrall, Brighton.
Dr. Norman Walker, Edinburgh.
Dr. Denis Walshe, Graigue.
Dr. A. T. Wear, Newcastle-on-Tyne.

The minutes of the previous day having been printed in the *Daily Journal* were taken as read and ordered to be signed as correct.

Read letters of apology for non-attendance from the Past-President, and Mr. Edmund Owen.

Upon the further consideration of the minutes of the Ethical Committee of July 14th, 1905, it was

Resolved: That the Council cannot see its way to adopt the course suggested in the following resolution of the Southern Branch, but desires to record its willingness to give advice in such cases:

Resolution of the Southern Branch.

That it be a recommendation to the Council of the Association that, as the Central Ethical Committee has to decide ultimately in ethical matters dealt with by Divisions and Branches, it is desirable that they should also recommend the penalties when these are incurred—having due regard to recommendations from Divisions or Branches in favour of any particular course if such recommendations are made.

Resolved: That Mr. Andrew Clark be instructed to inform His Majesty's Government that the British Medical Association cannot allocate any of its funds towards the support of any teaching appointment in a university or medical school.

Resolved: That the Chloroform Committee be reappointed, with the addition of Professor C. J. Martin, F.R.S., and Mr. George Rowell, F.R.C.S.

Resolved: That the Therapeutic Committee be reappointed.

The Chairman of Council announced that the Election Returns Committee had prepared nominations for the election of members to the various Committees in accordance with the following instructions of the Council:

That the Election Returns Committee be instructed to prepare list of nominations for the following Committees: (1) Journal and Finance; (2) Premises and Library; (3) Public Health; (4) Colonial; (5) Naval and Military; (6) Medico-Political; (7) Ethical; (8) Organization; (9) Arrangements; (10) Hospitals; (11) Science.

and asked the members to record their votes.

At a meeting of the Council held in the Clifton Rooms of the Y.M.C.A., London Road, Leicester, on Friday, July 28th, 1905.

Present:

Dr. H. W. Langley Browne, Chairman of Council, in the Chair.
Mr. George C. Franklin, President.
Sir Victor Horsley, F.R.S., Chairman of Representative Meetings.

Dr. John Ford Anderson, London.
Dr. E. G. Barnes, Eye.
Dr. T. R. Bradshaw, Liverpool.
Dr. R. Cochrane Buist, Dundee.
Professor J. W. Byers, M.D., Belfast.
Dr. W. A. Carline, Lincoln.
Mr. Andrew Clark, D.Sc., London.
Dr. James Craig, Dublin.
Mr. Pearson R. Cresswell, C.B., Dowlais.
Mr. E. J. Domville, Exeter.
Dr. John H. Galton, Upper Norwood.
Dr. Bruce Goff, Bothwell.
Dr. David Goyder, Bradford.
Dr. Joseph Groves, Carisbrooke.
Dr. James Hamilton, Glasgow.
Dr. James H. Hunter, South Shields.
Mr. R. H. Kinsey, Bedford.
Mr. W. Jones Morris, Portmadoc.
Dr. Edwin Rayner, Stockport.
Dr. Cecil E. Shaw, Belfast.
Professor W. R. Smith, M.D. (Malta and Mediterranean Branch), London.
Dr. F. O. Stedman (Hong Kong Branch), Goring-on-Thames.
Mr. C. R. Straton, Salisbury.
Mr. J. Lynn Thomas, C.B., Cardiff
Mr. H. G. Thomasz (Colombo, Ceylon Branch), London.
Mr. T. Jenner Verrall, Brighton.
Dr. Norman Walker, Edinburgh.
Dr. Denis Walshe, Kilkenny.

Read letters of apology for non-attendance from Dr. Beverley and Mr. George Eastes.

The minutes of the last meeting having been printed in the *Daily Journal* were taken as read and ordered to be signed as correct.

Read resolution passed in the Section of Obstetrics and Gynaecology:—

That it is desirable that a standard of puerperal morbidity be fixed for use in maternity hospitals, and that the Council be requested to arrange for a Special Committee to investigate the matter.

Moved by Dr. Buist, seconded by Sir Victor Horsley, and

Resolved: That the resolution be referred to the Science Committee.

The Chairman reported that the following Committees had been elected:

Arrangements Committee.

President ... ... } *Ex officio.*
Chairman of Council ... }

The Treasurer, London
Byers, Professor J. W., Belfast
Eastes, Mr. George, London
Galton, Dr. J. H., Upper Norwood
Hamilton, Dr. James, Glasgow
Thomas, Mr. J. Lynn, C.B., Cardiff

And six other members to be nominated by the Toronto Executive.

Colonial Committee.

President ... ... } *Ex officio.*
Chairman of Council ... }

Owen, Mr. Edmund, London
Straton, Mr. C. R., Salisbury

And five members to be appointed by the Colonial Representatives on the Council.

Ethical Committee.

President ... ... } *Ex officio.*
Chairman of Council ... }

Anderson, Dr. J. Ford, London
Crowe, Dr. G. W., Worcester
Goff, Dr. Bruce, Bothwell
Kinsey, Mr. R. H., Bedford
Spanton, Mr. W. D., Hanley

Elected by the Representative Meeting:

Ballance, Mr. H. A., M.S., Norwich
Bateman, Dr. A. G., London
Broadbent, Mr. G. H., Manchester
Jepson, Dr. E., Durham
Langdon-Down, Dr. R. L., London

Hospitals Committee.

President ... ... } *Ex officio.*
Chairman of Council ... }

Anderson, Dr. J. Ford, London
Beverley, Dr. M., Norwich
Brierley, Dr. J. Brassey, Old Trafford
Collier, Dr. W., Oxford
Fox, Dr. E. L., Plymouth
Hamilton, Dr. J. R., Hawick
Hastings, Dr. E. B., London
Owen, Mr. Edmund, London
Pope, Dr. F. M., Leicester
Shaw, Dr. Lauriston E., London
White, Mr. E. F., London

Journal and Finance Committee.

President ... ... } *Ex officio.*
Chairman of Council ... }

The Treasurer, London
Barnes, Dr. Edgar, Eye.
Carline, Dr. W. A., Lincoln
Clark, Mr. Andrew, London
Galton, Dr. J. H., Upper Norwood
Groves, Dr. J., Carisbrooke
Horsley, Sir Victor, F.R.S., London (Chairman of Representative Meetings)
Kinsey, Mr. R. H., Bedford
Morris, Mr. W. Jones, Portmadoc
Parkinson, Mr. C. H. W., Wimborne
Rayner, Dr. E., Stockport
Skerritt, Dr. E. Markham, Bristol
Verrall, Mr. T. Jenner, Brighton

MEDICO-POLITICAL COMMITTEE.

PRESIDENT ... ... } Ex officio.
CHAIRMAN OF REPRESENTATIVE MEETINGS ... ... } Ex officio.
CHAIRMAN OF COUNCIL ... } Ex officio.
The TREASURER ... ... } Ex officio.

BUIST, Dr. R. C., Dundee
HUNTER, Dr. J. H., S. Shields
MORRIS, Mr. W. JONES, Portmadoc
PARKINSON, Mr. C. H. W., Wimborne
SHAW, Dr. CECIL E., Belfast
STRATON, Mr. C. R., Salisbury

Elected by the Representative Meeting:

ARMIT, Mr. H. W., Wembley
JACKSON, Mr. GEORGE, Plymouth
LATIMER, Dr. H. A., Swansea
MACDONALD, Dr. J. A., Taunton
MCMANUS, Dr. L. S., Wandsworth
OLDHAM, Dr. W. F., Morecambe

ORGANIZATION COMMITTEE.

PRESIDENT ... ... } Ex officio.
CHAIRMAN OF COUNCIL ... } Ex officio.

BALLANCE, Mr. H. A., Norwich
CLARK, Mr. ANDREW, London
COX, Dr. ALFRED, Gateshead
MORRISON, Professor, J. T. J., Birmingham
RAYNER, Dr. EDWIN, Stockport
VERRALL, Mr. T. JENNER, Brighton
WHITE, Professor A. H., Dublin

PREMISES AND LIBRARY COMMITTEE.

PRESIDENT ... ... } Ex officio.
CHAIRMAN OF COUNCIL ... } Ex officio.

The TREASURER, London
BARNES, Dr. EDGAR, Eye
CLARK, Mr. ANDREW, London
GALTON, Dr. J. H., Upper Norwood
GOFF, Dr. BRUCE, Bothwell
JOHNSTON, Dr. R. MCKENZIE, Edinburgh
SKERRITT, Dr. E. MARKHAM, Bristol

PUBLIC HEALTH COMMITTEE.

PRESIDENT ... ... } Ex officio.
CHAIRMAN OF COUNCIL } Ex officio.

GROVES, Dr. J., Carisbrooke
JONES, Mr. HERBERT, Hereford
MANLEY, Dr. HERBERT, West Bromwich
MARTLEY, Dr. F. C., Dublin
NASMYTH, Dr. T. G., Fife
PARKINSON, Mr. C. H. WATTS, Wimborne
ROSS, Dr. J. MAXWELL, Dumfries

SCIENCE COMMITTEE.

PRESIDENT ... ... } Ex officio.
CHAIRMAN OF COUNCIL ... } Ex officio.

The TREASURER, London
BARR, Dr. J., Liverpool
BUIST, Dr. R. C. Dundee
CLARK, Mr. ANDREW, London
COLLIER, Dr. WILLIAM, Oxford
MORRISON, Professor, J. T. J., Birmingham
OSLER, Professor, F.R.S., Oxford
POPE, Dr. F. M., Leicester
ROBINSON, Mr. H. B., London
SHAW, Dr. CECIL E., Belfast
TYSON, Dr. W. J., Folkestone
WALKER, Dr. NORMAN, Edinburgh

NAVAL AND MILITARY COMMITTEE.

PRESIDENT... ... ... } Ex officio.
CHAIRMAN OF COUNCIL ... } Ex officio.

CURME, Surg.-Lieut.-Col. DECIMUS, Blandford
DUER, Major C., I.M.S., Burmah (now in London)
ELLISTON, Surg.-Col. G. S., V.D., Ipswich
EVATT, Surg.-Gen. G. J. H., C.B., London
THOMAS, Fleet Surg. J. LLOYD, R.N., Portsmouth

and the Representatives of the Army Medical Service and the Indian Medical Service.

Resolved: That the thanks of the Council be accorded to Dr. Edgar Barnes, Dr. T. R. Bradshaw, Mr. George Eastes, and Dr. James Hamilton for having acted as scrutineers of the voting papers.

Dr. Rayner gave notice that at the October meeting of the Council he would draw attention to the desirability in future of the Chairman of Council holding office until the end of the Annual Meeting instead of being elected as at present at the first meeting of the Council.

Moved by Dr. BUIST, seconded by Mr. JONES MORRIS, and

Resolved: That the Chairman be instructed in consultation with the Chairman of Representative Meetings to refer all matters arising out of the minutes of the Representative Meeting to the appropriate Standing Committees.

VOTES OF THANKS.

Moved by the CHAIRMAN OF COUNCIL seconded by Mr. VERRALL, that the best thanks of the British Medical Association be given:

To his Worship the Mayor and Corporation for the assistance rendered during the Seventy-third Annual Meeting.

To his Worship the Mayor and Mayoress of Leicester (Mr. and Mrs. Stephen Hilton) for their evening fête in the Abbey Park.

To the Vicar of St. Martin's (Canon Saunders, LL.D.), and Bishop of Peterborough, for the arrangement of the annual service in St. Martin's Church.

To the Right. Rev. the Bishop of Birmingham for his appropriate sermon.

To the Rev. H. Reader, M.A., for permission to hold the Roman Catholic service.

To Dr. Astley V. Clarke and Mr. Bolton Carter, M.S., the Honorary Local Secretaries, for their unselfish labours in working for the success of the Leicester meeting.

To the Chairmen and Secretaries of the various local Committees for their excellent work, which has resulted in so enjoyable a meeting.

To Mrs. Franklin, the Honorary Secretaries, and ladies of the Executive Committee for the excellent arrangements made for the comfort of ladies accompanying members.

To Colonel Harvey and Officers of the Volunteer Battalion and the County Authorities for the use of the Drill Hall and Barrack Yard for the holding of the Annual Exhibition of Foods and Drugs.

To the President (Dr. Frank Pope) and members of the Midland Branch for their reception and entertainment at the Museum Buildings.

To Alderman Edward Wood and Mrs. Wood for their garden party given in the grounds of the Leicester Infirmary.

To the President (R. C. Stewart, Esq., M.R.C.S.) and members of the Leicester Medical Society for their garden party in the grounds of the County Asylum.

To Mr. Maurice Levy, M.P., and Mrs. Levy for their garden party at Humberstone Hall.

To Mr. Samuel Faire, J.P., and Mrs. Faire for their garden party at Glenfield Frith.

To all those local firms who have been good enough to allow members to visit their premises.

To Mr. S. Perkins Pick, F.R.I.B.A., for kindly showing the members and their friends the architectural remains of Old Leicester.

To Mr. W. J. Freer, F.S.A., for showing members interesting antiquities of Leicester.

To His Grace the Duke of Rutland for allowing members of the Association to visit Belvoir Castle.

To the Chairman and Secretaries of the Pathological Museum, for collecting and arranging such an excellent collection of exhibits, of remarkable value and interest.

To the Distinguished Visitors, for their presence and the additional interest created by their various communications made to the Sections during their visit.

To the President and Local Executive for their generous hospitality to those members of the Association who have come from the Colonial Branches.

To Professor William Stirling, M.D., D.Sc., F.R.S.E., for his excellent popular address.

To the Honorary and Resident Staff of the Leicester Infirmary for so kindly being in attendance to show the members over the hospital.

To the Committees of the various Clubs in the town, who have so kindly made members of the Association honorary members during the week of the meeting.

To the President and members of the Leicester Golf Club for kindly allowing members the full use of the Club during the week of the meeting.

Moved by the CHAIRMAN OF COUNCIL, seconded by Mr. JENNER VERRALL, and unanimously resolved:

That the warmest thanks of the Association be accorded to Mr. George C. Franklin, F.R.C.S., for the able and courteous manner he has presided over the seventy-third annual meeting of the British Medical Association. The Council desires to place on record its high appreciation of his devoted efforts to secure the comfort of the large influx of members and their friends to the town.

The Annual Exhibition

OF

FOODS, DRUGS, INSTRUMENTS, BOOKS, AND SANITARY APPLIANCES.

[*Second Notice.*]

INSTRUMENTS AND APPLIANCES.

ALBERT BROWN (3, Bowling Green Street, Leicester) showed a large selection of surgical instruments and appliances, among which we observed a number of quite recent patterns; many of them were very well turned out, and the majority of them were of a practical and useful character.

The DOWSING RADIANT HEAT COMPANY, Limited (24, Budge Row, E.C.). This firm makes two kinds of apparatus. One of these is never sold outright, but is supplied on hire to medical men, while there are also a number of establishments in various parts of the country at which the treatment provided by it is given under medical orders. Its basis is the application of radiant heat and light to chronic diseases such as rheumatism, gout, sprains, and stiff joints. The other apparatus of the company is the Solarium, or electric sun bath. It is a form of electric-light cabinet, and is sold for use at home.

ELLIS AND CO. (21, South Molton Street, London). This firm showed "Solaro," a fabric of which we gave an account on January 7th, 1905, at p. 25. It is intended for clothing in tropical climates or in warm weather anywhere; as we then said, we are inclined to regard it as a successful attempt to solve a difficult problem. The tissue is of wool and in the colouring of the weft and warp ingenious use has been made of the heat values of different colours. It is manufactured on

distinctly scientific principles and a testimony to its value has been given both by Sir Patrick Manson and by Mr. James Cantlie. Although cool and very light it is sufficiently dense to withstand a smart fall of rain. It can be used for clothing of any character.

George Gale and Sons, Limited (Dominion Works, Birmingham). "Lawson Tait" beds in all forms, as made by this firm and the Whitfield Bedsteads, Limited, are to be found in too many hospitals to require a special description. There were also shown various forms of aseptic hospital furniture, such as ward lockers and ward cupboards. The beds shown included the asylum spring bed which has been supplied to the asylums of the London County Council, and an adjustable invalid bed which can be worked by quite a weak nurse even with a very heavy patient; it has been supplied to two of the wards of the New Victoria Hospital, Belfast.

Philip Harris and Co. (Birmingham). This firm of pharmaceutical chemists and surgery furnishers showed the "Perfectum" Surgery Cabinet, which is certainly very well arranged. The counter space, which is ample, is covered with plate glass, and can thus be kept spotlessly clean. The shelves rest upon ingeniously-contrived movable studs, and can be arranged at any height desired, according to the size of bottles which are kept, while the wings are carefully constructed to prevent bottles from falling. The firm also showed a number of pharmaceutical specialities, amongst which was a bactericidal soap called Steromnia. For its virtues it depends upon the contained biniodide of mercury; it lathers excellently in water. Ehrendorfer's pencils were also shown; they are of iodoform, and intended for introduc-

Fig. 1.

tion into the uterus either after formal operations or such procedures as the removal of a retained placenta. Among the instruments made by this firm is the nasal saw here shown (Fig. 1). It is intended for cutting in an upward direction in cases of projections from the nasal septum causing obstruction. The blade is without lateral flexibility, yet sufficiently narrow for nasal work. The edge is cross-cut, the cutting-points being set towards the operator. Dr. Wilfred Glegg, of Birmingham, to whose specification it has been made, finds that it produces at each stroke a deeper incision than can be obtained with ordinary saws.

C. M. Holmquist (57, Edgware Road, W.). This firm of electrical engineers showed a powerful but easily-controlled and adapted form of electric vibrator. It is an instrument which on firm application over muscles or organs produces curious vibrations of the same sort as those caused by vibratory massage, but capable of being prolonged for any period. The firm also exhibited electric baths for local application to the shoulder or individual limbs, and a well made and very comfortable Semi-Reclining light bath.

Mayer and Meltzer (71, Great Portland Street, London). Prominent among the exhibits of this firm was an electrical examination lamp on both floor and table standards. Upwards of 600 of them, it is stated, are in use now in Great Britain, and the latest pattern is illustrated in Figs. 2 and 3. As will be gathered, it can be used with its stand or held in the hand and the light thrown in the direction desired. It is fitted with a Nernst light, and is intended more especially for laryngologists and aurists when a very bright white light is required. The selection of instruments shown was large, and among them we picked out as of especial interest at the moment a set of well-made trocars, designed by Dr. J. S. Collier for lumbar puncture; a number of instruments for opening the ethmoidal and allied cells, and some laryngeal and epiglottis punches, designed by Mr. R. Lake for treat-

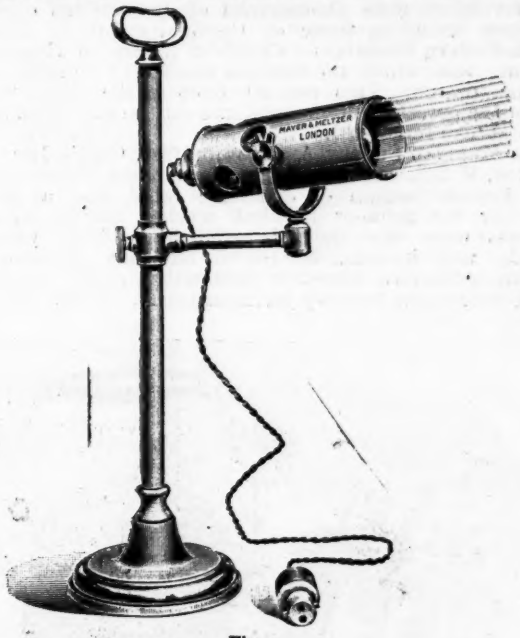

Fig. 2.

ment of tuberculosis of the larynx, were also shown. Another decidedly useful appliance shown was one for midwifery work. The point of it is that in the horizontal position it forms an

Fig. 3.

efficient sterilizer, capable of taking the largest instruments, and when vertical acts as a douche for intrauterine or vaginal irrigation. The instrument was designed by Dr. Salisbury

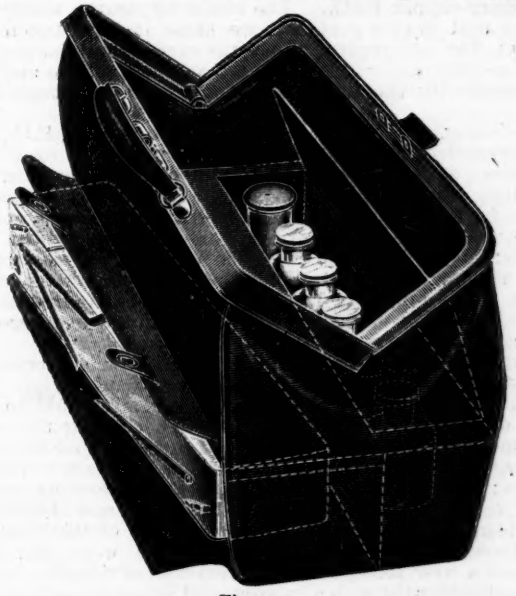

Fig. 4.

Sharpe, and a special bag (Fig. 4) has been made to contain it and the bottles and anything else which may be required. The transfusion apparatus designed by Drs.

Burford and Johnson was also shown; it is very compact, and everything necessary for subcutaneous or intravenous transfusion is provided. Other interesting points of the Mayer and Meltzer stand were photographs of the various operation theatres, including those of University College Hospital, North-Eastern Hospital for Children, Brompton Hospital for Consumption, which the firm has fitted up with furniture of original design. This was all built at the firm's factory, where the processes of manufacture can be examined by any medical man interested.

The MEDICAL SUPPLY ASSOCIATION (228, Gray's Inn Road, London, W.C.). This firm showed, amongst other things, a new French pattern of operating table, and a portable stretcher for field or hospital service, but its principal exhibits were the Gaiffe-D'Arsonval machine, which is already well known; the Gaiffe-Trouchot apparatus for causing purposive muscular contractions; and finally the Gaiffe auto-motor mercury jet interrupter. This is the latest

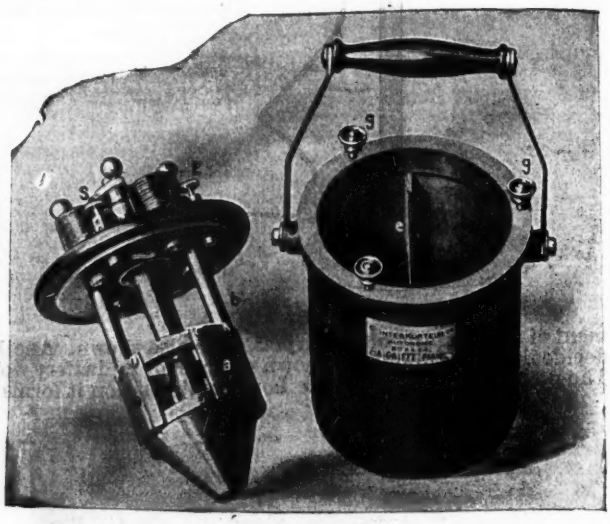

Fig. 5.

type of turbine interrupter, and dispenses with the need of an independent driving motor; brushes and bands are also rendered superfluous, and the interrupter works either on high or low voltage, interruption being effected by the intermittent contact of a revolving jet of mercury against four stationary copper teeth. The whole apparatus resembles a bucket and is very portable; we show it here taken apart (Fig. 5). The interruption affects the current both for the motor and the interrupter itself. The machines at this stall were connected with the town main and at work throughout the week.

The SEAMLESS RUBBER COMPANY, 4, Snow Hill, E.C.). This American firm showed numerous cushions, ice caps in ten varieties, some sterilized tubing, breast pumps in three varieties, crutch tips, and enemas in sixty-four varieties. The gloves for use during operating and *post-mortem* work appeared to be well made. The former were sufficiently thin not to interfere materially with the sense of touch, and yet appeared to be strong. Among the cushions, one which seemed to be likely to be specially useful under certain circumstances formed a kind of vaginal douching tray for use either on the operating table or with a patient in bed.

SMITH AND WADE. A Multinebuliser or compressed-air outfit was the most interesting exhibit of this firm. It can be utilized in a variety of ways: for vaporizing fluid in treatment of the air passages, for gradually inflating the middle ear, and for stimulating the tympanum by rapid vibrations. A convenient couch known as the "Allison" was also shown; it can be used if need be as an operating table.

JOHN WEISS AND SONS, Limited (London and Manchester). This firm had upon view a large selection of instruments of the most modern type, among which were Mr. Hurry Fenwick's new forceps for the removal of growths from the female bladder through a caisson, and also some kidney clamp forceps, as used by the same surgeon. The former, both with biting and fenestrated points, are here shown (Figs. 6 and 7). Mr. Lynn Thomas's tourniquet forceps, in two sizes (Fig. 10), for the thigh and arm, were likewise shown, as also his prostatic and pelvic floor elevator; of the latter a description was published on July 15th. Mr. Bishop Harman's new ophthalmoscope also attracted attention, as it possesses several entirely novel points, and is most ingeniously contrived. When the driving-wheel is turned in either direction all the whole number of 70 consecutive dioptres pass beneath the sight-hole. The range for concave lenses is from 39 to 1 dioptres, and for convex lenses from 30 to 1 dioptres, while there is, of course, a blank in the proper place in the series. Despite this great range there are only fifteen actual glass lenses in the instrument. The mirror arrangement is also new, being a combina-

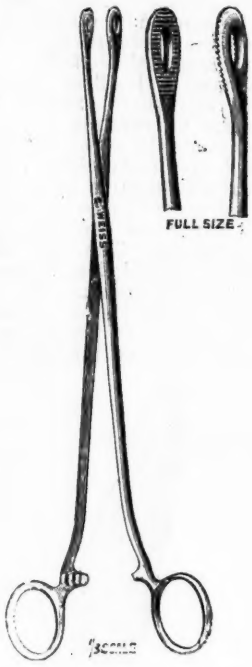

Fig. 6.

Fig. 7.

tion of the rotary mirror, the reversible double mirror, and Loring's tilting mirror. The plain and concave mirrors, placed back to back, are capable of universal movement, and available for direct or indirect examination or for retinoscopy. All are so hung that it would be difficult for any of them to be accidentally broken. The handle of the instrument so folds that a case is not an absolutely necessity. A pupillometer and a scotometer are also provided. In spite of its great complete-

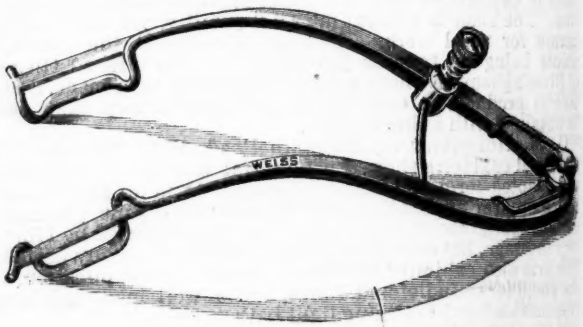

Fig. 8.

ness the instrument when folded up is smaller than most others, and weighs with its case less than 2¼ oz. Fig. 9 shows its general appearance. Another new eye appliance shown was the eye speculum of Dr. Richard Williams, of Liverpool. It is so devised as to provide quite as much space for operative procedures as others, while at the same time it keeps the eyelashes themselves well out of reach of the keratome during its use. Many otherwise good speculums fail in the latter respect. (Fig. 8). Among other attractive instruments were Mr. Arbuthnot

Lane's bone-holding forceps in two sizes, his bone elevator and retractor, Mr. Lockwood's intestinal clamp, Mr. Claud

Fig. 9.

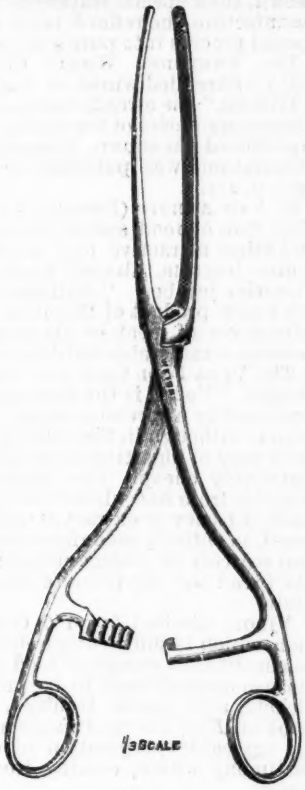

Fig. 10.

Worth's ophthalmic needle-holder and advancement forceps, and Sarel's trachoma forceps.

W. Watson and Sons, opticians to H.M. Government (313, High Holborn, London). This firm showed a variety of

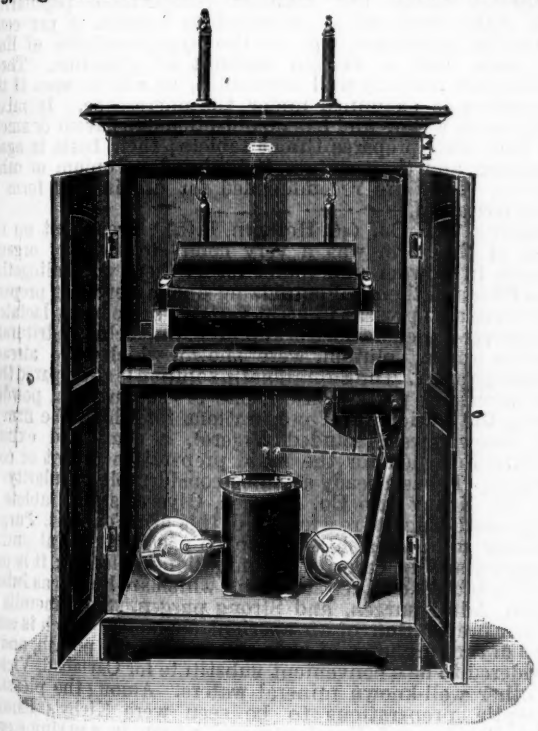

Fig. 11.

electro-therapeutical appliances and surgical instruments, and, in addition, a large number of the microscopes for which it has long been favourably known. The principal feature of the exhibit, however, was a new high-tension transformer which requires no induction coil or primary interrupter, and can be regulated to suit any size of *x*-ray tube or any degree of vacuum. We show it here in the neat little table or wall cupboard in which it is recommended that the transformer and connected apparatus should be kept. It is stated that the ampèrage and voltage of the primary circuit and milliampèrage in the *x*-ray tube can all be precisely measured and recorded—a fact which must obviously be useful in securing identity of results under different circumstances. We show also an engraving of the Argus microscope, a well-made machine of a simple character which this firm has put upon the market at a popular price.

Fig. 12.

R. H. Woodland (38, Commercial Road, Eastbourne). The exhibit of this firm consisted of the "Eastbourne" improved invalid chair in three qualities. It is intended for wheeling up or down stairs. It is claimed for it that it is peculiarly suitable for patients who are nervous or for whom any jolting is bad and also for use in houses in which there are no servants capable of carrying a heavy patient up and down stairs in an ordinary chair. It appeared to us that these claims were justified and that the prices of the chairs were very reasonable.

Foods and Specialities.

The Apollinaris Company (4, Stratford Place, Oxford Street). This firm showed Apenta water, Apollinaris, Johannis Water, Johannis Lithia, and Johannis Potash. The first two are natural waters which are too well known to require description. The third, likewise, is a natural water, which, it is stated, can be taken with advantage in cases of dyspepsia, gout, and rheumatism. The two last—Johannis Lithia and Johannis Potash—are in a sense artificial waters, inasmuch as that the potash and lithia which they respectively contain are added in definite proportion in order to meet the needs of cases in which the salts are indicated.

The Aylesbury Dairy Company, Limited (St. Petersburg Place, Bayswater). In addition to the various forms of humanized milk, peptonized milk, sterilized milk and cream, and modified milk, for which this company has already obtained popularity, two new preparations were shown. One of these was Humanoid milk; it is a concentrated preparation which on dilution with an adequate amount of water is found to have a chemical constitution resembling that of mother's milk. The second new preparation was Pollyta, which is a solid milk food intended for administration to infants when they have been weaned; both are of a useful character.

The Borough of Leamington Royal Spa took the opportunity of showing photographs of its public gardens, parks, and of its Royal Pump Room and bathing establishment. Statistics were also shown with respect to the climate and health of the resident population of this famous old inland watering place; it is now provided with everything which is most modern in the way of baths.

Bovril, Limited (Old Street, E.C.). Bovril was shown by this company in numerous forms—ordinary bovril, infant bovril, bovril stannoids, bovril lozenges, bovril chocolate. In all of these it is well known, and in most of them it is popular and of proved utility. A number of special ration cartridges and emergency rations for the use of travellers and expeditions also found a place in the exhibit.

Broomfield and Co. (83, Upper Thames Street, E.C.). "Albene," which was shown by this firm, is guaranteed to contain no animal fats whatever, but to be a pure vegetable product, free from water, salt, or any admixture. It certainly has neither colour, taste, nor smell. It appears to be equally suitable either for domestic purposes, such as cooking fish or making pastry, or as a basis for ointment. For the former purpose it is, according to Dr. Granville Sharpe, far superior either to lard or margarine. The firm has obtained some eighteen medals and a special prize for it at the Dutch Bakers' Exhibition.

Callard and Co. (74, Regent Street, W.). The preparation of starchless and sugarless foods is the special care of this

firm, and it had plenty of them for examination. The exhibit included starchless cakes and a variety of sugarless jellies and sugarless beverages, some of which are comparatively new, or, at all events, less well known than most of the preparations of the firm. Such of the jams as were tasted seemed to preserve in a singular degree the true flavour of the fruit of which they are made, and were very palatable.

The CELLULAR CLOTHING COMPANY (72 and 73, Fore Street, E.C.). The Aertex Cellular clothing, in a great variety of shapes and makes, was to be seen on the stall of this company. The principles upon which it is constructed are undoubtedly perfectly scientific and practical, and our own experience goes to show that the fabric is light and comfortable to wear, as well as being durable.

FELTOE AND SMITH (25, Augustus Street, Regents Park, W.). This firm showed its well-known "Specialité" lime juice cordial, lemon squash and lemon-squash crystals. The latter is a particularly convenient kind of product, as the contents of one bottle of the crystals, sold at a very low price, will make six or eight quarts of good lemonade. The strong point of the lime-juice cordial is that it is free from any musty flavour.

FRIEDRICHSHALL WATER (the London office, 10 and 12, Milton Street, E.C.). Friedrichshall, which was shown, was about the earliest of the foreign mineral waters to obtain popularity in England. It depends for its action upon the sulphates of magnesium and sodium and the chlorides of the same metals. It was a favourite water with the late Sir Henry Thompson and also with Professor Virchow, both of whom stated that they used it themselves with great advantage.

INGRAM AND ROYLE, Limited (26, Upper Thames Street, London). This firm is agent for the majority of table and other mineral waters, and had upon view specimens of a large number of them. Amongst these were Celestin, Grande-grille, Hôpital, and Carlsbad waters, while precipitated salts from the Carlsbad "Sprudel Spring" were also shown. Other waters exhibited were the Contrexéville, Evian, "Cachat," Wildungen, and George Victor. The Wildungen "Helenen" water is useful, it is believed, in cases of uric acid diathesis in an initial stage. In addition to foreign waters, several of English origin were shown. Amongst these were Cheltenham water and the well-known Salutaris, for both of which the firm is general agent.

KEEN, ROBINSON, AND CO., Limited (Denmark Street, St. George's-in-the-East, London, E.). The exhibit of this firm consisted of barley meals and oat meals and preparations of mustard for medicinal purposes. Both Robinson's Patent Barley and Robinson's Patent Groats have now been on the market for considerably over half a century, and have held their own, in spite of younger dietetic rivals. The former is excellent as a diluent of milk or in the preparation of barley water, and the latter makes a nutritious gruel, which is suitable for babies after dentition is fairly advanced, and for nursing mothers and old people. Colman's Mustard Leaves are of comparatively recent introduction, and may take the place of those of foreign manufacture. Mustard oil, which was also shown, might with advantage be used more freely in domestic medicine.

MELLIN'S DIETETIC PREPARATIONS. Mellin's Food for Infants and Invalids is too well known to require much description. It is a brownish granular powder prepared from cereal grains, in which the starch is made soluble by the action of a diastase. "Lacto," another useful preparation of the firm, is intended for temporary employment when fresh cow's milk fails, or for some reason has fallen under suspicion. The firm's new feeding-bottle was also shown. It is circular in cross-section, and thus can easily be kept clean; another useful feature which it possesses is that the approximate quantities of food which a child should take at each meal are clearly shown by markings on the external surface.

HENRI NESTLÉ (48, Cannon Street, E.C.). There is probably no one who is not favourably acquainted with the tinned milks, sweetened and unsweetened, of this firm, as also with its chocolates. Less well known hitherto has been the "Milo" food, which was also shown; it is intended for the use either of infants or of invalids, and may be expected to become popular.

J. REYNOLDS AND CO. (Albert Flour Mills, Gloucester). This firm showed some Gold Medal Wheat Meal brown bread which is made from Reynolds's pure digested wheat meal. It is warranted to contain no chemical or malt or any other foreign substance.

ALEXANDER RIDDLE AND CO. (36-38, Commercial Street, London, E.). Stower's lime-juice cordial and clarified lemon squash were the exhibits of this firm. They are both well known, their special feature being that in the course of their manufacture the refined lump sugar used is converted by a special process into pure glucose.

The SHREDDED WHEAT COMPANY (6 and 8, Eastcheap, E.C.). Shredded wheat in various forms, and especially as "Triscuit," has already become popular. On this occasion an interesting model of the machinery by which shredded wheat is produced was shown. A favourable report on shredded wheat preparations was published in our columns of August 3rd, 1901, p. 277.

G. VAN ABBOTT (Baden Place, Crosby Row, Borough, S.E.). This firm of food specialists exhibited a variety of diabetic and other attractive food preparations; amongst them were gluten biscuits, almond bread and flour, soups, jellies, and glycerine jujubes. "Euthenia" biscuits, which were shown, are a new product of this firm. They are stated to have an admixture of meat in their composition, and should thus possess considerable nutritive value.

The VEDA FOOD COMPANY, Limited (34, North Bridge, Edinburgh). "Veda" is the name given to a bread and an oat food prepared by a special method. It is considered to be a food which, although in the form of ordinary bread and porridge, is as easy of digestion as special invalid food, and to be comparatively cheap. The bread is understood to be prepared entirely from fine wheat flour without the addition of either malted barley or extract of malt. The oat food, on the other hand, is entirely made from oats, and when made into porridge can scarcely be distinguished from ordinary oatmeal. Both the bread and the biscuits shown were decidedly pleasant in taste.

VIROL, Limited (152-166, Old Street, E.C.). This preparation, which is sufficiently well known to most people, is stated to constitute a complete food for children and invalids, and its use is considered to be indicated in tuberculous disease, rickets, and gastric troubles. Dr. Robert Hutchison, in his book on *Food and the Principles of Dietetics*, stated that it was an agreeable preparation of considerable nutritive value—testimony which, coming from such a quarter, must carry weight.

DRUGS AND PREPARATIONS.

ANGIER CHEMICAL COMPANY, Limited (32, Snow Hill, E.C.). The exhibit of this firm consisted chiefly of "Angier's Emulsion." This is an emulsion of petroleum with hypophosphites which has attained considerable popularity. Each fluid ounce of it is stated to contain 33 per cent. of purified petroleum, 9 gr. of the hypophosphites of lime and soda, and a certain amount of glycerine. These constituents are very well emulsified, as can be seen if the preparation is examined under the microscope. It mixes readily with water, and has no objectionable flavour or smell. The firm also prepares throat tablets; their basis is again petroleum, and they contain, it is stated, no opium or other narcotic. They are recommended for use in any form of throat irritation.

ARMOUR AND CO. (46, Holborn, E.C.). Prominent on the stand of this firm was a very complete series of organic extracts in powder and tablet form; there were altogether some fifteen of them. Peptonizing and pancreating preparations were also present in great variety, some being lactated, while several preparations of suprarenalin, including triturate, powders and a solution, were shown, which have already become popular. The Suprarenalin solution is so prepared that each thousand parts contain one of suprarenalin powder. Among the various beef preparations for which the firm is well known was included Vigorol, a semi-solid extract specially intended for the rapid preparation of hot or cold bouillon. It has already attained considerable popularity.

H. M. KIRBY AND CO. Purgen, Glycecols and tablets of compressed drugs were a feature of this firm's exhibit. Purgen is a very mild aperient, said to be specially useful during pregnancy and in cases of chronic kidney disease; it is prepared in tablets of three strengths, which are known as Infant purgen, Adult purgen, and Strong purgen. Sal Mineralis is another preparation of an aperient character, which is composed of the sulphates of soda, magnesia, and potash, and is considered to be a convenient substitute for Carlsbad, Vichy, and other well-known mineral waters. Among the pleasant antiseptic preparations to be seen were Kirby's Family Toilet Powder and Eucalyptusine, which is a perfume containing a large percentage of eucalyptol.

(To be Continued.)

MEMBERS ELECTED DURING THE JUNE QUARTER.

BY THE COUNCIL ON JULY 5TH, 1905.

Anderson, Robert Brodie, M.D. Manitoba, L.R.C.P. & S. Edin., 816, Main Street, Winnipeg, Manitoba
Bradley, Richard James, M.B., Ch.B. Edin., Capt. I.M.S.
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Meetings of Branches and Divisions.

[*The proceedings of the Divisions and Branches of the Association relating to Scientific and Clinical Medicine, when reported by the Honorary Secretaries, are published in the body of the* JOURNAL.]

DORSET AND WEST HANTS BRANCH.

THE summer meeting of this Branch was held at the White Hart Hotel, Sturminster Newton, on Wednesday, July 19th, Dr. E. HYLA GREVES, President, in the chair.

Confirmation of Minutes.—The minutes of the last meeting were read and confirmed.

The late Dr. Lush.—The PRESIDENT read a letter from Mrs. Lush thanking the members for their expression of sympathy with her in her bereavement.—The HONORARY SECRETARY proposed, Dr. SNOW seconded, and it was unanimously resolved:

That the sum of 10 guineas be voted out of the Branch funds to "The Lush Memorial Fund."

New Members.—Dr. W. Caswell Spooner, of Blandford, and Dr. John Bradford, of Sturminster Newton, were elected members of the Association.

Autumn Meeting.—Dr. SNOW proposed, and Dr. LEACH seconded:

That the autumn meeting be held at Bournemouth, or Herrison, and the matter be left in the hands of the President to arrange.

Communications.—Dr. FIELDING, Vice-President, read an interesting paper on croupous pneumonia. A discussion followed in which the PRESIDENT, Drs. SNOW, WHITTINGDALE, ATTWOOD, BEAVER, and SANDERSON WELLS took part; and Dr. FIELDING replied.—Dr. ATTWOOD BEAVER read notes of a case of melanotic sarcoma.—Dr. LEACH showed some interesting cases at the New Workhouse Infirmary.

Garden Party.—The members and ladies accompanying them were kindly entertained at a garden party at The Lindens by Dr. and Mrs. Comyns Leach.

LANCASHIRE AND CHESHIRE BRANCH:

ALTRINCHAM DIVISION.

THE eleventh general meeting of this Division was held at the Brooklands Hotel on Thursday, March 30th. Dr. LUCKMAN presided.

Confirmation of Minutes.—The minutes of the last meeting were confirmed.

Meetings of Committee.—Reports of two meetings of the Committee were read and adopted.

Annual Representative Meeting.—Several notices of motion for the Annual Representative Meeting at Leicester were formally approved, and the Honorary Secretary instructed to forward them.

Report on Expenditure.—The Committee's report on the expenditure necessary to carry on the work of the Division was approved and adopted.

Matters Referred to Divisions.—The recommendations of the Medico-Political Committee as to the abuse of drugs were approved.

Ambulance Work.—It was resolved that this should be considered entirely on a business footing, and not as a matter of philanthropy. Other matters remitted to the Divisions for consideration were discussed, and instructions given to the Representative.

The annual (twelfth general) meeting was held at the Board Room of the Altrincham Hospital on Thursday, June 22nd. Dr. JOYNSON, and afterwards Dr. LUCKMAN, presided. There was a large attendance.

Confirmation of Minutes.—The minutes of the last meeting were confirmed.

Election of Officers.—The officers were unanimously appointed as follows:—*Chairman:* Dr. Luckman. *Vice-Chairman:* Dr. Cooper. *Honorary Secretary and Treasurer, also Representative:* Dr. Garstang. *Members of Branch Council:* Drs. C. J. Renshaw and F. Cox. *Other Members of Executive Committee:* Drs. W. Owen Jones, Maclaren, G. H. Smith, Melland, C. W. Jones, and C. A. K. Renshaw.

Votes of Thanks.—Votes of thanks were accorded to the outgoing officers and Committee, especially to Dr. Joynson, the retiring Chairman.

Reports of Committee.—The annual report of the Committee was adopted. The report of the Committee meeting of May 31st was approved.

Discussion.—Dr. COOPER read an excellent paper on the prevention of puerperal fever in private practice, which was discussed by several members, and a vote of thanks given to Dr. Cooper.

Fees for Life Assurance.—On behalf of Dr. C. W. Jones, who was absent, the HONORARY SECRETARY introduced a discussion on half-crown fees for life assurance examinations. It was resolved that the matter be laid before the Medico-Political Committee. Several other interesting papers were unavoidably postponed.

The thirteenth general meeting was held at the Baguley Sanatorium on Wednesday, August 2nd. Dr. LUCKMAN presided.

Address.—Dr. T. BASIL RHODES delivered an important address on diphtheria, which was followed by a discussion.

Votes of Thanks.—The CHAIRMAN proposed a vote of thanks to Dr. Rhodes, and also to the Chairman of the Hospital Committee of the Manchester Corporation, which was carried by acclamation.

Visit to Sanatorium.—Inspection was then made of such parts of the sanatorium as could be visited.

METROPOLITAN COUNTIES BRANCH:

HAMPSTEAD DIVISION.

THE third annual meeting of this Division was held on Friday, July 14th, at 5 p.m., at St. Peter's Hall, Belsize Square, Dr. HEATH STRANGE in the chair.

Confirmation of Minutes.—The minutes of the previous meeting having been printed and circulated were taken as read.

Apology for Non-attendance.—A letter was received from Mr. Wellington, expressing regret for inability to be present.

Election of Officers.—Dr. OPPENHEIMER proposed and Mr. ARMIT seconded the election of Mr. Humphreys as Chairman. Mr. CUNNINGTON explained that the Vice-Chairman, Dr. Hall, who should in due course have become Chairman, had recently resigned owing to a disagreement with the Committee. There was reason to hope, however, that circumstances which had occurred since then had removed the cause of disagreement. He therefore proposed:

That the position of Dr. Hall be reconsidered, and his name substituted for that of Mr. Humphreys.

Mr. ARMIT pointed out that Dr. Hall would only consent to election on certain conditions. The election of a Chairman must be unconditional. Mr. Cunnington's proposal, being seconded by Mr. HUMPHREYS, was then put to the vote and lost. The meeting therefore unanimously elected Mr. F. R. Humphreys as Chairman. Dr. Hall was then elected Vice-Chairman for a second year; Dr. Yeld, Secretary; and Mr. Armit, co-Secretary. A proposal to increase the number of ordinary members of Committee was withdrawn by Dr. Ford Anderson. Dr. Pidcock was elected to fill a vacancy, and the rest of the Committee were elected *en bloc*.

Vote of Thanks to Retiring Chairman.—A cordial vote of thanks was passed to Dr. Strange for his valuable services to the Division as Chairman during the 1904-5 session. Dr. STRANGE, in reply, drew attention to the great help he had received from Mr. Armit, the Assistant Secretary, during the absence of the Secretary through illness.

Annual Report.—The CHAIRMAN then called upon the Secretary to read the annual report, which was read and approved. Dr. Strange then vacated the chair in favour of Mr. Humphreys.

Annual Representative Meeting.—Mr. ARMIT (Representative) drew attention to the question of a Royal Charter, and a discussion took place. Mr. HUMPHREYS and Mr. ARMIT strongly opposed, while Dr. ANDERSON raised certain points in favour of it. Dr. ANDERSON proposed, and Dr. OPPENHEIMER seconded:

That our Representative be instructed to support an amendment that the matter be referred back to the Council, and that a further legal opinion be taken (the name of Mr. Montague Mackenzie being mentioned as legal adviser).

Carried. The SECRETARY read a letter from the Norwich Division requesting support for a proposal to alter Article XXVII, and the Representative was instructed to act as he thought fit in the matter.

Divisional Dinner.—Dr. OPPENHEIMER recommended that a dinner should be held at the Great Central Hotel (price 7s. 6d.,

exclusive of wine) some time in October, November, or December, 1905. Seconded by Dr. ANDERSON, and carried.

Bradford Ethical Rules and Model Rule Z.—Mr. HUMPHREYS drew attention to these rules, and expressed approval of them. Dr. OPPENHEIMER pointed out that the Committee had not had time to consider them, and moved that they should be referred back to the Committee for further consideration. The motion was seconded by Mr. CUNNINGTON, and carried.

Dog Protection Act.—Mr. HUMPHREYS pointed out that this was an antivivisection measure, and moved:

That the Bill for the Protection of Dogs be opposed, and that the members of Parliament in the Division be urged to do so from their seats in the House.

The motion was seconded by Mr. ARMIT, and carried unanimously. Mr. HUMPHREYS further proposed that a vote of thanks to Sir John Tuke should be passed by the meeting for his valuable services in opposing this Bill. This was seconded by Mr. CUNNINGTON, and carried unanimously. The Honorary Secretary was directed to forward copies of these resolutions to Mr. Milvain, Mr. Cox, and Sir John Tuke.

SOUTH-EASTERN BRANCH:
CHICHESTER AND WORTHING DIVISION.

THE annual meeting of this Division was held at the Infirmary, Worthing, on June 13th; Mr. W S. SIMPSON (Worthing) presided.

Confirmation of Minutes.—The minutes of the last meeting were read and confirmed.

Next Meeting.—It was decided to hold the next scientific meeting at Worthing.

Election of Officers.—The following officers were elected:—*Chairman:* Mr. W. S. Simpson. *Vice-Chairman:* Mr. E. H. Buckell. *Representative:* Dr. F. Hinds. *Representative on Branch Council:* H. Elliot-Blake. *Secretary:* Dr. Morris (Bognor). *Executive Committee:* Dr. Hinds, Dr. Eustace, Dr. Barford.

Matters Referred to Divisions.—The following matters were discussed: The National Deposit Friendly Society; the report on death registration and amendment of Coroners' Law; the Coroners Bill; the Medical Acts Amendment Bill; and the Public Health Bill. The resolutions passed by the Division have been communicated to the Medico-Political Committee.

☞ *To ensure the insertion of notices in this column they must be received at the Central Offices of the Association not later than the first post on Tuesday.*

Association Notices.

BRANCH AND DIVISION MEETINGS TO BE HELD.

SOUTH-EASTERN BRANCH: BRIGHTON DIVISION.—A meeting will be held at the Dispensary, 113, Queen's Road, Brighton, at 4.30 p.m., on the fourth Wednesday in October (25th), and November (22nd). Members wishing to read papers or show cases at the meetings are requested to give at least a fortnight's notice to the Honorary Secretary, RYDING MARSH, M.D., 49, Sackville Road, Hove.

Naval and Military Appointments.

ROYAL NAVY MEDICAL SERVICE.

FLEET SURGEON A. J. J. JOHNSTON has been promoted to be Deputy Inspector-General, May 27th. He entered the service as Surgeon, March 30th, 1878; became Staff-Surgeon, March 30th, 1890; and Fleet Surgeon, November 16th, 1894.

The following appointments have been made at the Admiralty: ALEXANDER F. HARPER, Fleet Surgeon, and ALOYSIUS F. FLEMING, Surgeon, to the *Dominion*, on commissioning, August 15th; CYRIL J. MANSFIELD, M.D., Fleet Surgeon, to the *Racer*, additional, for Osborne College, August 15th; HENRY F. ILIEWICZ, Fleet Surgeon, to the Royal Naval Engineer College at Devonport, August 15th (since cancelled); RICHARD E. BIDDULPH, M.B., Fleet Surgeon, to the *Cressy*, August 15th; FREDERICK J. BURNS, Fleet Surgeon, to the *Bacchante*, on recommissioning, August 15th; ROBERT HILL, Staff Surgeon, to the *Renown*, August 15th; SAMUEL CONNER, M.B., Staff Surgeon, to the *Cormorant*, additional, for Gibraltar Hospital, August 1st; ALEXANDER B. MARSH, Surgeon, to the *Hindustan*, on completing, August 22nd; EDWARD H. DE COURTMACSHERRY, Fleet Surgeon, to the Royal Naval Engineer College, Keyham, August 15th; HENRY F. ILIEWICZ, Fleet Surgeon, to the *Powerful*, August 15th; JEROME BARRY, Fleet Surgeon, to the *Centurion*, on recommissioning, undated; GRAHAM E. KENNEDY, Fleet Surgeon, to the *Royal Oak*, on recommissioning, undated; ALFRED J. PICKTHORN, Fleet Surgeon, to the *Ocean*, on recommissioning, undated; WALTER P. DYER and CHARLES R. SHEWARD, Surgeons, to the *President*, for three months' study at West London Hospital, August 1st; BERNARD LEY, Surgeon, to the *President*, for three months' course of hospital study, August 3rd.

ROYAL NAVAL VOLUNTEER RESERVE.

WILLIAM E. HARKER, M.D., has been appointed a surgeon, August 3rd.

ROYAL ARMY MEDICAL CORPS.

CAPTAIN C. M. FLEURY is promoted to be Major, July 29th. He was appointed Surgeon-Lieutenant, January 29th, 1894, and made Surgeon-Captain, January 29th, 1897.

ARMY MEDICAL RESERVE.

SURGEON-LIEUTENANT-COLONEL W. L. STEWART, M.D., and Surgeon-Captain W. A. GRIFFITHS, having resigned their commissions in the Volunteers, cease to belong to the Army Medical Reserve, August 2nd.

Surgeon-Lieutenant-Colonel D. E. FLINN, F.R.C.S.I., having resigned his commission in the Volunteers, ceases to belong to the Army Medical Reserve, August 5th.

Surgeon-Major A. B. WADE, M.B., to be Surgeon-Lieutenant-Colonel, July 29th.

INDIAN MEDICAL SERVICE.

COLONEL J. P. GREANY, M.D., Bombay Establishment, is confirmed in the appointment of Surgeon General with the Government of Bombay, from June 20th, vice Surgeon-General W. McConaghy, M.D.

Colonel T. E. L. BATE, C.I.E., Bengal Establishment, Inspector-General of Prisons, Punjab, is appointed Inspector General of Civil Hospitals, Punjab, from July 12th.

Lieutenant-Colonel J. M'CLOGHRY, Bombay Establishment, is promoted to be Colonel, from June 20th. He was appointed Assistant-Surgeon, March 31st, 1875, and made Brigade-Surgeon-Lieutenant-Colonel, June 24th, 1899. He has the medal for the Afghan war of 1878-80. He has been confirmed in the appointment of Principal Medical Officer, Kurrachee Brigade.

Colonel J. McCONAGHEY, M.D., Bengal Establishment, Inspector of Civil Hospitals, Punjab, is permitted to retire from the service, from July 12th. He was appointed Assistant Surgeon, March 30th, 1872, and became Colonel, June 16th, 1902. He has no war record in the Army Lists.

Lieutenant-Colonel G. S. A. RANKING, M.D., Bengal Establishment, also retires from the service, from May 30th. He entered as Assistant Surgeon, March 31st, 1875, and was made Brigade-Surgeon-Lieutenant-Colonel, March 31st, 1895.

Lieutenant-Colonel G. F. THOMAS, Madras Establishment, retires from the service, from June 26th. He entered as Assistant Surgeon, March 31st, 1875, and became Brigade-Surgeon-Lieutenant-Colonel, May 12th, 1900.

Lieutenant-Colonel P. F. O'CONNOR, M.D., C.B., Bengal Establishment, also retires, from July 13th. He was appointed Assistant Surgeon, March 31st, 1875, and Brigade-Surgeon-Lieutenant-Colonel, March 31st, 1895. His war record embraces: The Afghan war, 1878-80, including the battle of Ahmed Khel, and actions of Urzoo and Patkao Shano (mentioned in dispatches, medal with clasp); the Egyptian Expedition, 1882, including the battle of Tel-el-Kebir (medal with clasp, bronze star); the Burmese Expedition, 1886-7 (mentioned in dispatches, medal with clasp); Chitral Relief Force, 1895 (mentioned in dispatches, medal with clasp); North-West Frontier of India campaign, 1897-8 (mentioned in dispatches, clasp); and China, 1900 (medal).

The retirement is also announced of Lieutenant-Colonel J. CROFTS, M.D., Bengal Establishment, from July 15th. His first commission dates from March 31st, 1877; that of Surgeon-Lieutenant-Colonel from March 31st, 1897. He was in the Afghan war of 1878-80, receiving a medal.

Major G. T. MOULD, Bengal Establishment, likewise retires, from July 28th. He joined as Surgeon-Captain, March 31st, 1888, and was made Major, March 31st, 1900. He served with the Manipore expedition in 1901 (medal with clasp); in the North-West Frontier of India campaign, 1897-8 (medal with clasp); and in the China war, 1900 (medal).

IMPERIAL YEOMANRY.

SURGEON-LIEUTENANT G. F. M. CLARKE, the City of London (Rough Riders) Regiment, resigns his commission, July 3rd.

Mr. ROBERT M. McQUEEN to be Surgeon-Lieutenant in the City of London (Rough Riders) Regiment, July 3rd.

The announcement of the appointment to a Surgeon-Lieutenancy in the South Nottinghamshire Hussars of WILLIAM T. ROWE, M.D., which appeared in the *London Gazette* of June 6th, bears date May 22nd, and not as therein stated.

ROYAL ARMY MEDICAL CORPS (VOLUNTEERS).

MR. HUBERT C. PHILLIPS to be Lieutenant in the London Companies, London District, July 10th.

Lieutenant J. NAYLOR, Transport Officer, Woolwich Companies, Eastern Command, resigns his commission, April 15th.

Mr ALEXANDER D. SHARP to be Lieutenant in the Leeds Companies, Northern Command, July 26th.

Lieutenant W. J. REID, Sherwood Foresters Bearer Company, to be Captain, July 26th.

Major (Surgeon-Major Army Medical Reserve) S. S. HOYLAND, Harwich Bearer Company, is granted the honorary rank of Lieutenant-Colonel, July 22nd.

VOLUNTEER RIFLES.

Mr. HERBERT M. SYLVESTER to be Surgeon-Lieutenant in the 1st Volunteer Battalion the Suffolk Regiment, August 1st.

Surgeon-Captain J. W. BONE, M.B., 3rd Volunteer Battalion the Bedfordshire Regiment, resigns his commission, August 1st.

Mr. RICHARD W. BRIMACOMBE to be Surgeon-Lieutenant in the 3rd Volunteer Battalion the East Surrey Regiment, August 1st.

Surgeon-Lieutenant R. D. MORGAN, 3rd Volunteer Battalion the Welsh Regiment, to be Surgeon-Captain, August 1st.

Surgeon-Major G. M. EDMOND, M.D., 1st Volunteer Battalion the Gordon Highlanders, resigns his commission, August 1st.

Acting-Surgeon R. W. BRANTHWAITE, Cadet Corps (Civil Service), attached to the Prince of Wales's Own 12th Middlesex (Civil Service) Volunteer Rifle Corps, to be Surgeon-Lieutenant in the 12th Middlesex (Prince of Wales's Own, Civil Service), and to be borne as Supernumerary to the Establishment, July 31st.

Surgeon-Captain F. C. WALLIS, M.B., 14th Middlesex (Inns of Court), resigns his commission, July 17th.

Mr. HENRY W. BURBOUGHES to be Surgeon-Lieutenant in the 14th Middlesex (Inns of Court), July 17th.

ROYAL ENGINEERS (VOLUNTEERS).

SURGEON-LIEUTENANT T. H. CHITTENDEN, M.D., 1st Middlesex Regiment, to be Surgeon-Captain, June 26th.

ROYAL GARRISON ARTILLERY (VOLUNTEERS).

SURGEON-LIEUTENANT R. C. ROBERTSON, 1st Ayrshire and Galloway Regiment, resigns his commission, July 15th.

Surgeon-Captain H. R. JONES, M.D., 2nd Lancashire Regiment, resigns his commission, retaining his rank and uniform, July 15th.

Supernumerary Surgeon-Captain (Honorary Captain in the Army) J. C. G. MACNAB, M.B., 1st Fifeshire, is absorbed into the establishment, July 22nd.

Mr. EDWARD E. BROWN to be Surgeon-Lieutenant in the Highland Regiment, July 2nd.

Surgeon-Major J. P. MASSINGHAM, 1st Shropshire and Staffordshire, is granted the honorary rank of Surgeon-Lieutenant-Colonel, July 22nd.

Mr. BERNARD HUDSON to be Surgeon-Lieutenant in the 3rd Kent (Royal Arsenal), July 8th.

VOLUNTEER OFFICERS' DECORATION.

THIS decoration has been conferred upon the following, among other officers: Surgeon-Lieutenant-Colonel H. W. ROBERTS, 2nd Volunteer Battalion the Queen's Own (Royal West Kent Regiment); Surgeon-Lieutenant-Colonel W. SNEDDON, M.D., 1st Volunteer Battalion the Royal Scots Fusiliers; Surgeon-Major J. MACLACHLAN, M.B., 3rd (Dumfries) Volunteer Battalion the King's Own Scottish Borderers; Surgeon-Lieutenant-Colonel J. ADAM, M.D., 1st (Ross Highland) Volunteer Battalion the Seaforth Highlanders; Surgeon-Major A. MACPHEE, M.D., 5th (Glasgow Highland) Volunteer Battalion the Highland Light Infantry; Surgeon-Major T. M. DAWSON, 1st Lancashire Royal Garrison Artillery (Volunteers); Surgeon-Lieutenant-Colonel A. A. WATSON, 2nd Volunteer Battalion East Lancashire Regiment.

Vital Statistics.

EPIDEMIC MORTALITY IN LONDON.

[SPECIALLY CONTRIBUTED TO THE BRITISH MEDICAL JOURNAL.]

THE accompanying diagram shows the prevalence of the principal epidemic diseases during the second, or spring, quarter of the year. The fluctuations of each disease and its relative fatality compared with that in the corresponding periods of recent years can thus be readily seen.

Small-pox.—Five fatal cases of small-pox were registered in London last quarter, against 5, none, and 5 in the three preceding quarters; of these 5 deaths, 3 belonged to Lewisham, and 1 each to Hackney and Shoreditch. The Metropolitan Asylums Hospitals contained 4 small-pox patients at the end of last quarter, against 3, 17, and 20 at the end of the three preceding quarters; 32 new cases were admitted during the quarter, against 39, 23, and 36 in the three preceding quarters.

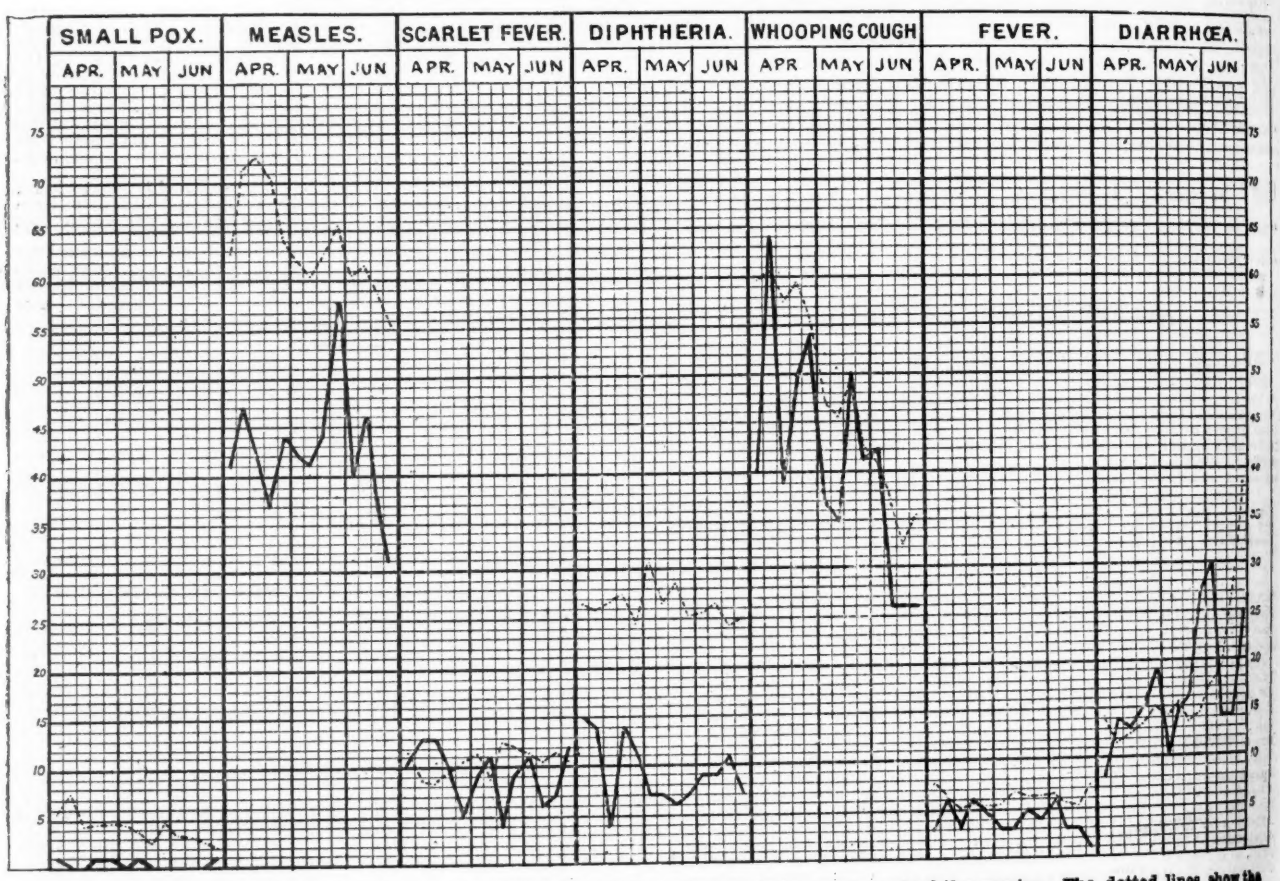
Measles.—The deaths from measles, which had been 370, 289, and 354 in the three preceding quarters, further rose last quarter to 551, but were 278 below the average number in the corresponding periods of the ten preceding years. Among the various metropolitan boroughs this disease was proportionally most fatal in Paddington, Fulham, Shoreditch, Poplar, and Battersea.

Scarlet Fever.—The fatal cases of this disease, which had been 81, 87, and 134 in the three preceding quarters, declined again last quarter to 119, and were 17 below the corrected average number. Scarlet fever showed the highest proportional mortality last quarter in St. Pancras, Finsbury, Shoreditch, Poplar, Wandsworth, and Camberwell. The number of scarlet fever cases in the Metropolitan Asylums Hospitals, which had been 2,117, 2,349, and 1,997 at the end of the three preceding quarters, had risen again to 2,444 at the end of last quarter; 3,778 new cases were admitted during the quarter, against 3,278, 3,610, and 3,122 in the three preceding quarters.

Diphtheria.—The deaths referred to diphtheria in London, which had been 150, 208, and 162 in the three preceding quarters, further declined last quarter to 121, and were 223 below the average number in the corresponding periods of the ten preceding years. Among the various metropolitan boroughs this disease was proportionally most fatal in Hammersmith, Finsbury, Shoreditch, Bethnal Green, Stepney, Southwark, and Greenwich. The number of diphtheria patients in the Metropolitan Asylums Hospitals, which had been 871, 800, and 788 at the end of the three preceding quarters, had further declined to 715 at the end of last quarter; 1,219 new cases were admitted during the quarter, against 1,614, 1,566, and 1,425 in the three preceding quarters.

Whooping-cough.—The fatal cases of this disease, which had been 240, 156, and 436 in the three preceding quarters, further rose last quarter to 530, but were 93 below the average in the corresponding quarters of the

DEATHS FROM EPIDEMIC DISEASES IN LONDON DURING THE SECOND QUARTER OF 1905.



NOTE.—The black lines show the *recorded* number of deaths from each disease during each week of the quarter. The dotted lines show the *average* number of deaths in the corresponding weeks of the ten preceding years 1895-1904.

ten preceding years. Among the various metropolitan boroughs whooping-cough was proportionally most fatal in Hammersmith, Fulham, Islington, Shoreditch, Poplar, and Southwark.

"Fever."—Under this heading are included deaths from typhus, from enteric fever, and from ill-defined pyrexia. The deaths referred to these different forms of "fever," which had been 90, 111, and 51 in the three preceding quarters, were again 51 last quarter, and were 29 below the corrected average number. One death from ill-defined pyrexia was recorded during the quarter under notice, but not any from typhus. The highest death-rates from "fever" were recorded in Fulham, Chelsea, Hampstead, Bethnal Green, and Woolwich. The Metropolitan Asylums Hospitals contained 78 enteric fever patients at the end of last quarter, against 237, 159, and 68 at the end of the three preceding quarters; 156 new cases were admitted during the quarter, against 383, 315, and 173 in the three preceding quarters.

Diarrhœa.—The 220 deaths from diarrhœa in London last quarter were slightly below the average number in the corresponding periods of the ten preceding years. Among the various metropolitan boroughs this disease was proportionally most fatal in Fulham, Hackney, Holborn, Bethnal Green, Stepney, and Poplar.

In conclusion, it may be stated that the 1,597 deaths in London attributed to these principal epidemic diseases during the quarter ending June last were more than 30 per cent. below the corrected average number in the corresponding quarters of the ten preceding years. The lowest death-rates from these diseases last quarter were recorded in Chelsea, the City of Westminster, Hampstead, the City of London, Lambeth, Deptford, and Woolwich; and the highest rates in Paddington, Fulham, Shoreditch, Bethnal Green, Poplar, and Battersea.

VITAL STATISTICS OF LONDON DURING THE SECOND QUARTER OF 1905.

[SPECIALLY REPORTED FOR THE BRITISH MEDICAL JOURNAL.]

IN the accompanying table will be found summarized the vital statistics of the metropolitan boroughs and of the City of London, based upon the Registrar-General's returns for the second, or spring, quarter of the year. The mortality figures in the table relate to the deaths of persons actually belonging to the various boroughs, and are the result of a complete system of distribution of the deaths in public institutions among the several boroughs in which the deceased persons had previously resided.

The 31,583 births registered in London during the three months under notice were equal to an annual rate of 27.0 per 1,000 of the population, estimated at 4,684,794 persons in the middle of the year; in the corresponding quarters of the three preceding years the rates had been 27.7, 29.0, and 28.1 per 1,000 respectively, the average rate in the second quarters of the ten years 1895-1904 being 29.2 per 1,000. The birth-rate last quarter ranged from 14.7 in the City of London, 16.7 in the City of Westminster, 17.2 in Hampstead, 19.2 in Kensington, and 21.3 in Chelsea and in Stoke Newington, to 32.1 in Bermondsey, 32.9 in Bethnal Green, 33.2 in Shoreditch, 33.6 in Finsbury, and 36.5 in Stepney.

The 16,075 deaths of persons belonging to London registered last quarter were equal to an annual rate of 13.8 per 1,000, against 15.7, 14.2, and 14.3 per 1,000 in the three preceding second quarters; in the corresponding periods of the ten preceding years the mean rate was 15.8 per 1,000. The death-rates last quarter in the various boroughs ranged from 7.9 in Hampstead, 10.5 in Wandsworth, 10.6 in Lewisham, 11.5 in Greenwich, and 12.1 in Deptford, to 16.3 in Southwark, 16.5 in Poplar, 16.6 in the City of London, 17.0 in Bethnal Green, 17.2 in Finsbury, and 18.6 in Shoreditch.

During last quarter 1,575 deaths were referred to the principal infectious diseases; of these, 5 resulted from small-pox, 549 from measles, 119 from scarlet fever, 117 from diphtheria, 521 from whooping-cough, 47 from enteric fever, 1 from ill-defined pyrexia, and 216 from diarrhœa. These 1,575 deaths were equal to an annual rate of 1.34 per 1,000, against an average rate of 1.95 in the corresponding quarters of the ten preceding years. The lowest death-rates last quarter from these infectious diseases were 0.18 in the City of London, 0.54 in Woolwich, 0.57 in Deptford, 0.65 in Chelsea, 0.66 in the City of Westminster, 0.73 in Hampstead, and 0.75 in Lambeth; the highest rates were 1.82 in Bethnal Green, 1.85 in Paddington, 2.17 in Fulham, 2.52 in Poplar and in Battersea, and 2.71 in Shoreditch. Of the 5 fatal cases of small-pox, 3 belonged to Lewisham, and 1 each to Hackney and Shoreditch. The greatest proportional mortality from measles occurred in Paddington, Fulham, Shoreditch, Poplar, and Battersea; from scarlet fever in St. Pancras, Finsbury, Shoreditch, Poplar, Wandsworth and Camberwell; from diphtheria in Hammersmith, Finsbury, Shoreditch, Bethnal Green, Stepney, Southwark, and Greenwich; from whooping-cough in Hammersmith, Fulham, Islington, Shoreditch, Poplar, and Southwark; from "fever" in Fulham, Chelsea, Hampstead, Bethnal Green, and Woolwich; and from diarrhœa in Fulham, Hackney, Holborn, Bethnal Green, Stepney, and Poplar.

During the three months under notice 1,554 deaths from phthisis were registered, equal to an annual rate of 1.33 per 1,000; the rates in the corresponding quarters of the three preceeding years were 1.52, 1.47, and 1.57 per 1,000 respectively. Among the various metropolitan boroughs the lowest death-rates from phthisis last quarter were recorded in Paddington, Hampstead, Hackney, Wandsworth, Camberwell, and Lewisham; and the highest rates in Holborn, Finsbury, the City of London, Bethnal Green, Poplar, and Southwark.

Infant mortality, measured by the proportion of deaths among children under 1 year of age to registered births, was equal to 103 per 1,000 last quarter, against 119, 102, and 107 in the three preceding second quarters; the mean rate in the corresponding periods of the ten preceding years was 118 per 1,000. The lowest rates of infant mortality were recorded last month in Hampstead, St. Marylebone, Stoke Newington, Wandsworth, Lewisham, and Woolwich; and the highest rates in Paddington, Kensington, Hammersmith, the City of London, Shoreditch, and Poplar.

THE REGISTRAR-GENERAL'S QUARTERLY RETURN.

[SPECIALLY REPORTED FOR THE BRITISH MEDICAL JOURNAL.]

THE Registrar-General has just issued his return relating to the births and deaths in the second quarter of this year, and to the marriages during the three months ending March last. The marriage-rate during that period was equal to 10.7 per 1,000 of the population, and was 0.6 per 1,000 below the average rate in the corresponding quarters of the ten preceding years.

The births registered in England and Wales during the quarter ending June last numbered 236,767, and were equal to an annual rate of 27.8 per 1,000 of the population, estimated by the Registrar-General to be 34,152,977 persons in the middle of the year. In the second quarters of the ten preceding years the birth-rate had averaged 29.4 per 1,000. The birth-rate last quarter ranged in the several counties from 21.3 in Sussex, 21.8 in Cornwall, 22.0 in Herefordshire, 23.1 in Bedfordshire, 23.4 in Oxfordshire,

Analysis of the Vital Statistics of the Metropolitan Boroughs and of the City of London after Distribution of Deaths occurring in Public Institutions during the Second Quarter of 1905.

BOROUGHS.	Estimated Population middle of 1905.	Births.	Deaths.	Annual Rate per 1,000 Living. Births.	Deaths.	Principal Infectious Diseases.	Deaths from Principal Infectious Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping-Cough.	Typhus.	Enteric Fever.	Simple and Ill-defined Fever.	Diarrhœa.	Phthisis.	Deaths of Children under 1 year of age to 1,000 Births.
COUNTY OF LONDON	4,684,794	31,583	16,075	27.0	13.8	1.34	1,575	5	549	119	117	521	—	47	1	216	1,554	103
Paddington	147,935	835	498	22.6	13.5	1.85	68	—	39	1	2	20	—	1	—	5	33	127
Kensington	180,083	861	617	19.2	13.7	1.48	66	—	18	6	3	25	—	3	—	11	45	124
Hammersmith	119,037	746	395	25.1	13.3	1.48	44	—	8	1	5	27	—	1	—	2	32	130
Fulham	157,210	1,227	570	31.3	14.5	2.17	85	—	31	4	3	26	—	3	—	18	46	109
Chelsea	74,496	396	239	21.3	12.9	0.65	12	—	1	—	2	7	—	2	—	—	24	109
City of Westminster ...	175,666	730	534	16.7	12.2	0.66	29	—	5	3	—	10	—	1	—	10	64	97
St. Marylebone ...	129,453	1,007	495	31.2	15.3	1.42	46	—	25	4	—	10	—	1	—	6	45	79
Hampstead	88,142	377	173	17.2	7.9	0.73	16	—	1	2	2	8	—	2	—	1	15	61
St. Pancras	236,183	1,372	804	23.3	13.7	1.17	69	—	25	9	9	18	—	—	—	8	80	97
Islington...	342,994	2,226	1,177	26.0	13.8	1.11	94	—	17	7	5	51	—	3	—	11	81	112
Stoke Newington ...	52,828	281	166	21.3	12.6	1.31	17	—	8	1	1	6	—	—	—	1	16	78
Hackney	228,479	1,468	729	25.8	12.8	1.76	100	1	41	5	4	30	—	4	—	15	52	93
Holborn	56,481	410	224	29.1	15.9	1.42	20	—	7	2	1	6	—	—	—	4	32	93
Finsbury...	98,207	822	422	33.6	17.2	1.71	42	—	15	6	5	11	—	—	—	5	48	111
City of London... ...	22,425	82	93	14.7	16.6	0.18	1	—	—	—	—	—	—	—	—	1	11	146
Shoreditch	116,565	965	540	33.2	18.6	2.71	79	1	23	7	5	36	—	1	—	6	52	136
Bethnal Green	130,401	1,068	554	32.9	17.0	1.82	59	—	21	4	9	13	—	2	1	9	75	117
Stepney	305,466	2,782	1,203	36.5	15.8	1.73	132	—	51	11	12	31	—	4	—	23	131	113
Poplar	170,280	1,304	701	30.7	16.5	2.52	107	—	44	7	6	27	—	2	—	21	77	127
Southwark	208,528	1,559	849	30.0	16.3	1.31	68	—	10	4	9	31	—	3	—	11	116	109
Bermondsey	129,006	1,033	509	32.1	15.8	1.18	38	—	18	2	4	7	—	—	—	7	57	118
Lambeth	313,045	2,163	1,028	27.7	13.2	0.75	59	—	8	4	5	29	—	2	—	11	113	93
Battersea	177,532	1,222	617	27.6	13.9	2.52	111	—	87	2	4	16	—	2	—	—	51	103
Wandsworth	265,392	1,713	695	25.9	10.5	0.86	56	—	3	10	4	31	—	1	—	7	57	75
Camberwell	271,240	1,727	826	25.5	12.2	1.05	71	—	27	11	5	18	—	2	—	8	63	98
Deptford...	114,495	768	345	26.9	12.1	0.57	16	—	2	1	—	8	—	1	—	4	35	86
Greenwich	103,493	648	296	25.1	11.5	0.89	23	—	7	1	6	3	—	1	—	5	28	88
Lewisham	144,420	909	380	25.2	10.6	0.85	30	3	5	2	2	14	—	2	—	2	25	66
Woolwich	125,372	882	396	28.2	12.7	0.54	17	—	2	2	4	2	—	3	—	4	50	70

and 23.5 in Devonshire and Somersetshire, to 31 9 in Staffordshire, 32.4 in Carmarthenshire, 32.6 in Northumberland, 34.9 in Durham, 35 2 in Glamorganshire, and 35.8 in Monmouthshire. In seventy-six of the largest English towns, including London, the birth-rate last quarter averaged 28.5 per 1,000, being 0.7 per 1,000 in excess of the general English birth-rate. In London the rate was 27.0 per 1,000, while it averaged 29.2 per 1,000 in the seventy-five other large towns, and ranged from 17.3 in Bournemouth, 17 9 in Hastings, 19.0 in Hornsey, 20.2 in Halifax, 21 3 in Northampton, and 21.7 in Bury and in Bradford, to 34 7 in Sunderland, 35 0 in Middlesbrough and in Tynemouth, 35.2 in St. Helens, and 38.6 in Rhondda.

The births registered in England and Wales during the quarter under notice exceeded the deaths by 113,726; this represents the natural increase of the population during that period. From returns issued by the Board of Trade it appears that 134,745 emigrants embarked during the three months, for places outside Europe, from the various ports of the United Kingdom at which emigration officers are stationed. Of these 134,745 emigrants, 51,356 were English, 13,515 were Scottish, and 16,972 were Irish, while 52,902 others were of foreign nationality. Compared with the averages in the corresponding quarters of the three preceding years, the proportion of emigrants in the population of the several ports of the United Kingdom showed an increase of 17 1 per cent. English and of 31.1 per cent. Scottish, while the Irish emigrants decreased 5 2 per cent.

During the second quarter of the year the deaths of 123,041 persons were registered, equal to an annual rate of 14.4 per 1,000 persons living; this rate was 1.8 per 1,000 below the mean rate in the corresponding periods of the ten preceding years, and was below the rate in the second quarter of any other year on record. The lowest county death-rates last quarter were 11.3 in Middlesex, 11.5 in Essex, 11.6 in Surrey, 11.8 in Bedfordshire, and 11.9 in Hertfordshire and Buckinghamshire; the highest rates were 16.3 in the North Riding of Yorkshire, 16.6 in Monmouthshire and in Carmarthenshire, 16.7 in Glamorganshire, and 19.2 in Denbighshire. In seventy-six of the largest English towns, with an aggregate population of more than fifteen and a half millions, the mean rate of mortality was 14.7 per 1,000; in 141 smaller towns containing in the aggregate about four and three-quarter million persons, the death-rate was 13.6 per 1,000; while in the remaining, and chiefly rural, parts of England and Wales, the rate was 14.5 per 1,000. In London the death-rate was 14.3 per 1,000, while it averaged 14.9 per 1,000 in the seventy-five other large towns, and ranged from 7.1 in Hornsey, 8.4 in Leyton, 8.7 in King's Norton, 9.4 in Handsworth (Staffs), 9.8 in Willesden, and 9.9 in East Ham, to 18.5 in West Bromwich and in Wigan, 19 5 in Oldham, 20.0 in Tynemouth, 21.4 in Middlesbrough, and 22.4 in Merthyr Tydfil.

The 123,041 deaths from all causes in England and Wales last quarter included 10,194 which were referred to the principal infectious diseases; of these, 3,894 were attributed to measles, 2,509 to whooping-cough, 1,189 to diarrhoea, 1,096 to diphtheria, 856 to scarlet fever, 618 to "fever" (principally enteric), and 32 to small-pox. The rate of mortality from measles exceeded the average, while that from each of the other principal infectious diseases showed a decline. Of the 32 fatal cases of small-pox, 5 belonged to London, 4 to Southampton, and 3 to Bradford.

The rate of infant mortality, measured by the proportion of deaths among children under 1 year of age to registered births, was equal to 106 per 1,000, against an average rate of 121 per 1,000 in the corresponding quarters of the ten preceding years. In the several counties the rates of infant mortality ranged from 63 in Hertfordshire, 69 in Dorsetshire, 70 in Wiltshire, 71 in Surrey, and 76 in Herefordshire, to 119 in Monmouthshire, 120 in Lancashire and in Durham, 122 in Staffordshire, 127 in Derbyshire, and 129 in Glamorganshire. In the seventy-six large towns the mean rate was 112 per 1,000; in London the proportion was equal to 105 per 1,000, while it averaged 115 in the seventy-five other large towns, and ranged from 55 in Hornsey, 68 in Leyton, 71 in Handsworth (Staffs), 76 in Burton-on-Trent, and 78 in Croydon and in Brighton, to 146 in Tynemouth, 148 in Oldham, 150 in Halifax and in Rhondda, 161 in Merthyr Tydfil, and 162 in Hanley.

The mortality in England and Wales during the three months under notice among persons aged between 1 and 60 years was equal to an annual rate of 7.6 per 1,000 of the population estimated to be living at this group of ages, and was 0.9 per 1,000 below the rate in the ten preceding second quarters. In the seventy-six large towns the death-rate at this group of ages averaged 8.2 per 1,000; in London this death-rate was 8.1 per 1,000, while among the seventy-five other large towns the rates ranged from 3 4 in Hornsey, 3.5 in King's Norton, 4.2 in Leyton, 4.5 in Handsworth (Staffs), 5.3 in Willesden, and 5.6 in East Ham, to 11.1 in Sunderland, 11.3 in Tynemouth, 11.6 in West Bromwich, 12 5 in Oldham, 13.7 in Middlesbrough, and 13.8 in Merthyr Tydfil.

Among persons aged 60 years and upwards the death-rate last quarter was equal to 62.7 per 1,000 of the estimated population at this age-period, being 3.3 per 1,000 lower than the average. In London the rate was 61.7 per 1,000, while among the seventy-five other large towns it ranged from 43.1 in Leyton, 47.3 in Hornsey, 47.8 in Walsall, and 50.7 in Willesden, to 80.6 in Middlesbrough, 80.7 in Preston, 81.9 in Wigan, 82.3 in Huddersfield, and 83.8 in Rochdale.

The mean temperature of the air during last quarter differed but slightly from the average. The rainfall measured in London during the quarter amounted to 7.2 in., being 1.8 in., or 33 per cent., in excess of the average. The duration of bright sunshine in London was 487 hours, which was almost identical with the average amount.

HEALTH OF ENGLISH TOWNS.

IN seventy-six of the largest English towns, including London, 8,719 births and 5,080 deaths were registered during the week ending Saturday last, August 5th. The annual rate of mortality which had been 12.9, 13.4 and 15.0 per 1,000 in the three preceding weeks, further rose last week to 17.0 per 1,000. The rates in the several towns ranged from 6.0 in King's Norton, 7.4 in Hornsey and in Reading, 7.6 in Handsworth (Staffs.), 7.9 in Bournemouth, 9.0 in Walthamstow, in Northampton, and in Great Yarmouth, 9.2 in Croydon, and 9.6 in Leyton, to 22.8 in West Ham, 22.9 in Warrington, 23.2 in St. Helens, 23.5 in Wigan, 23.7 in Grimsby, 24.1 in Bootle, 24.3 in Tynemouth, 24.4 in Stockport, 26.9 in West Bromwich, 28.4 in Sheffield, and 62.2 in Rhondda. Of the deaths in Rhondda, 79 were due to the colliery explosion at Wattstown. Excluding these deaths, the rate would have been 29.2. In London the death-rate was 15.6 per 1,000; while it averaged 17.6 in the seventy-five other large towns. The death-rate from the principal infectious diseases averaged 5.0 per 1,000 in the seventy-six towns; in London this death-rate was equal to 4.2 per 1,000, while among the seventy-five other large towns the rates ranged upwards to 9.0 in Birkenhead, 9.2 in Liverpool, 11.6 in Bootle, 12.0 in Wigan, 13.1 in West Ham, 13 8 in Grimsby, 14 9 in Sheffield, and 15.4 in Rhondda. Measles caused a death-rate of 5.2 in Barrow-in-Furness; scarlet fever of 1.2 in Blackburn; whooping-cough of 1.3 in Rhondda, 1.5 in Oldham, and 1.6 in West Ham; and diarrhoea of 7.6 in Liverpool, 8.1 in Birkenhead, 11.0 in West Ham, 11.6 in Bootle, 12.0 in Wigan, 12 9 in Rhondda, 13.0 in Grimsby, and 14.2 in Sheffield. The mortality from diphtheria and from "fever" showed no marked excess in any of the large towns. One fatal case of small-pox was registered last week in Birmingham, but none in any other of the large towns. The Metropolitan Asylums hospitals contained 2 small-pox patients on Saturday last, August 5th, against 4, 3, and 3 on the three preceding Saturdays; 3 new cases were admitted during the week, against 2, none, and none in the three preceding weeks. The number of scarlet fever cases remaining under treatment in these hospitals and in the London Fever Hospital, which had been 2,520, 2,485, and 2,550 at the end of the three preceding weeks, had risen again to 2,632 at the end of last week; 366 new cases were admitted during the week, against 356, 304, and 352 in the three preceding weeks.

HEALTH OF SCOTCH TOWNS.

DURING the week ending Saturday last, August 5th, 925 births and 496 deaths were registered in eight of the principal Scotch towns. The annual rate of mortality in these towns, which had been 14.3, 15.2, and 15.3 per 1,000 in the three preceding weeks, fell last week to 14.8 per 1,000, and was 2.2 per 1,000 below the mean rate during the same period in the seventy-six large English towns. Among these Scotch towns the death-rates ranged from 8.7 in Aberdeen, and 10.2 in Leith, to 16.8 in Perth, and 18.3 in Paisley. The death-rates from the principal infectious diseases in these towns averaged 2.8 per 1,000, the highest rates being recorded in Greenock and Glasgow. The 244 deaths registered in Glasgow included 10 which were referred to measles, 2 to diphtheria, 4 to whooping-cough, and 36 to diarrhoea. Two fatal cases of measles, 5 of whooping-cough, and 9 of diarrhoea were recorded in Edinburgh; 2 of whooping-cough and 2 of diarrhoea in Dundee; 3 of diarrhoea in Paisley; 4 of diarrhoea in Leith; and 3 of diarrhoea in Greenock.

HEALTH OF IRISH TOWNS.

DURING the week ending Saturday, July 15th, 484 births and 338 deaths were registered in six of the principal Irish towns, against 488 births and 303 deaths in the preceding period. The mean annual death-rate in these towns, which had been 18.2, 16.4, and 13.6 per 1,000 in the three preceding weeks, rose to 18.3 per 1,000 in the week under notice, this figure being 5 4 per 1,000 higher than the mean annual rate in the seventy-six English towns for the corresponding period. The figures ranged from 8.7 in Londonderry to 23.4 in Waterford. The zymotic death-rate during the same period and in the same six Irish towns averaged 1.7 per 1,000, the highest figure—2.7—being registered in Limerick, while Waterford registered no deaths under this heading at all. The deaths from diarrhoeal diseases numbered 29 in all, being about equally divided between Dublin and Belfast.

During the week ending Saturday, July 22nd, 539 births and 330 deaths were registered in six of the principal Irish towns, against 484 births and 338 deaths in the preceding period. The mean annual death-rate in these towns, which had been 16.4, 15.6, and 18.3 per 1,000 in the three preceding weeks, fell to 14.8 per 1,000 in the week under notice, this figure being 1.4 per 1,000 higher than the mean annual rate in the seventy-six English towns for the corresponding period. The figures ranged from 9.6 in Cork, and 9.9 in Londonderry, to 20.1 in Dublin, and 20.9 in Belfast. The zymotic death-rate during the same period, and in the same six Irish towns, averaged 1.8 per 1,000, or 0.1 higher than during the preceding week, the highest figure—3.9—being registered in Belfast, while Cork and Limerick registered no deaths under this heading at all. The total deaths from diarrhoeal diseases equalled 25.

During the week ending Saturday, July 29th, 549 births and 367 deaths were registered in six of the principal Irish towns, against 539 births and 330 deaths in the preceding period. The mean annual death-rate in these towns, which had been 13.6, 18.3, and 14.8 per 1,000 in the three preceding weeks, rose to 17.9 per 1,000 in the week under notice, this figure being 2.9 per 1,000 higher than the mean annual rate in the seventy-six English towns for the corresponding period. The figures ranged from 12.4 in Londonderry and 13.6 in Waterford, to 20.8 in Dublin and 22.0 in Belfast. The zymotic death-rate during the same period and in the same six Irish towns averaged 2.6 per 1,000, or 0.8 per 1,000 higher than during the preceding period, the highest figure—5.8—being registered in Belfast, while Limerick recorded no deaths under this heading at all. The deaths from diarrhoeal diseases reached 58 throughout the country.

Vacancies and Appointments.

This list of vacancies is compiled from our advertisement columns, where full particulars will be found. To ensure notice in this column, advertisements must be received not later than the first post on Wednesday morning.

VACANCIES.

BIRMINGHAM GENERAL HOSPITAL.—Two House-Physicians. Salary at the rate of £50 per annum each.

BOURNEMOUTH: ROYAL VICTORIA HOSPITAL.—House-Surgeon. Salary, £100 per annum.

BRADFORD ROYAL INFIRMARY.—House-Surgeon. Salary, £100 per annum.

CHESTERFIELD AND NORTH DERBYSHIRE HOSPITAL AND DISPENSARY.—Junior House-Surgeon. Salary at the rate of £50 per annum.

DOUGLAS: NOBLE'S ISLE OF MAN HOSPITAL AND DISPENSARY.—Resident House-Surgeon. Salary, £90 per annum.

EXETER CITY ASYLUM.—Assistant Medical Officer. Salary, £150 per annum.

GUILDFORD: ROYAL SURREY COUNTY HOSPITAL.—(1) House-Surgeon. (2) Assistant House-Surgeon. Salary, £100 and £50 per annum respectively.

LIVERPOOL CITY INFECTIOUS DISEASES HOSPITALS.—Assistant Resident Medical Officer. Salary, £120 per annum.

LIVERPOOL EYE AND EAR INFIRMARY.—House-Surgeon. Salary, £80 per annum.

MANCHESTER CHILDREN'S HOSPITAL, Pendlebury.—Junior Resident Medical Officer for six months, eligible for election as Senior. Salary at the rate of £80 and £100 per annum respectively.

MERTHYR TYDFIL URBAN DISTRICT COUNCIL.—Medical Officer of Health and Superintendent of the Isolation Hospitals. Salary, £400, rising to £500 per annum.

NEWCASTLE-UPON-TYNE: UNIVERSITY OF DURHAM COLLEGE OF MEDICINE.—Lecturer on Medical Jurisprudence.

SOUTHAMPTON: ROYAL SOUTH HANTS AND SOUTHAMPTON HOSPITAL.—House Physician. Salary, £100 per annum.

ST. PETER'S HOSPITAL FOR STONE, Henrietta Street, W.C.—Junior House-Surgeon. Salary at the rate of £50 per annum.

TYNEMOUTH COUNTY BOROUGH.—Medical Officer of Health. Salary, £350, rising to £400 per annum.

YORK CITY LUNATIC ASYLUM.—Resident Medical Officer. Salary, £400 per annum.

APPOINTMENTS.

BARKER, L. E. H. R., M.R.C.S., L.R.C.P., District Medical Officer of the Kington Union.

BELEY, G., M.R.C.S., M.R.C.P.Lond., Resident Assistant Medical Officer of the Ecclesall Bierlow Union Workhouse.

BLUMFELD, J., M.D., B.A., B.C.Cantab., Honorary Anaesthetist to St. Mary's Hospital, Paddington, W.

BONNEY, Victor, M.S., M.D., B.Sc.Lond., F.R.C.S., M.R.C.P., Emden Research Scholar to the Cancer Investigation Department of the Middlesex Hospital.

COOMBS, Carey, M.D., B.S.Lond., Physician to Out-patients, Children's Hospital, Bristol.

CRAWFORD, J. D., M.D., District Medical Officer of the Dartford Union.

EASON, H. L., M.D., M.S.Lond., Assistant Ophthalmic Surgeon to Guy's Hospital.

ECKERSLEY, Major Edward Arthur, M.B., C.M., Clinical Assistant to the Hospital for Diseases of the Skin, Blackfriars.

ELLIS, F. W., M.B., Resident Assistant Medical Officer, Southwark Union Infirmary.

EVANS, Thomas, M.D., Clinical Assistant to the Hospital for Diseases of the Skin, Blackfriars.

FARQUHARSON, C. H. C., L.R.C.P. and S.Edin., District Medical Officer at Portmaria, Jamaica, vice J. A. L. Calder, M.B., C.M.Edin.

FLEMING, W. L. R., M.R.C.S., L.R.C.P.Lond., District Medical Officer of the Guildford Union.

FORBES, J. Graham, M.D.Cantab., M.R.C.P., Assistant Physician to the Royal Hospital for Diseases of the Chest, City Road, E.C.

GOLDIE, E. M., M.D.Edin., Visiting Surgeon to the Royal Merchant Seamen's Orphanage, Snaresbrook.

HANCOCK, W. J., M.R.C.S., L.R.C.P.Lond., Certifying Factory Surgeon for the Stalybridge District, Co. Chester, and Medical Officer of Health, Stalybridge Town Council.

HATFIELD, J. R., L.R.C.P. and S.Edin., District Medical Officer of the Newton Abbot Union.

HENDRY, A., M.B., Ch.B.Aberd., Resident Assistant Medical Officer, West Derby Union Infirmary.

HILL, Miss E., M.B., B.S., Assistant Medical Officer, Parish of St. Pancras.

HILL, R. A. L., M.R.C.S., L.R.C.P.Lond., Certifying Factory Surgeon for the Wimbledon District.

HOBBS, A. R., M.R.C.S., L.R.C.P., Second Resident Assistant Medical Officer of the Paddington Parish Infirmary and Workhouse.

LAPAGE, C. P., M.D.Vict., Medical Officer to the Out-patients' Department of the Manchester Children's Hospital.

LAURIE, Henry, M.B.Melb., Honorary Assistant Physician at the Alfred Hospital, Victoria.

MACCORMAC, W. L., M.B., B.S.Vict., Resident Assistant Medical Officer, Wandsworth Union Infirmary.

MCGAVIN, Lawrie, F.R.C.S.Eng., Surgeon in charge of In-patients on the Staff of the Dreadnought Hospital, Greenwich.

MACKENZIE, J. C., L.R.C.P. and S.Edin., District Medical Officer, Cleobury Mortimer Union.

MASON, A., M.R.C.S., L.R.C.P., Medical Officer of Health, Borough of Deal.

MAURICE, W. B., M.R.C.S., L.R.C.P., Clinical Assistant to the Chelsea Hospital for Women.

MAYNARD, F. P., Major, I.M.S., M.B.Durh., F.R.C.S., Ophthalmic Surgeon and Professor of Ophthalmic Surgery to the Medical College, Calcutta.

MORGAN, Thomas Howard, F.R.C.S.Edin., Honorary Assistant Surgeon to the Hospital, Brisbane, Queensland.

MORETON, Joseph, M.B., Medical Officer of the New Northwich, Winsford, and Middlewich Joint Isolation Hospital.

OLIVER, W., M.B., B.S., District Medical Officer of the Durham Union.

PARRY, L. D., L.R.C.S., L.M.Edin., Government Medical Officer and Vaccinator at Picton, N.S.W., vice Dr. G. Read, resigned.

RICE, R., M.R.C.S.Eng., L.S.A., Medical Officer of Health, Wantage Rural District.

ROBERTS, E., M.R.C.S., L.R.C.P., District Medical Officer of the Camberwell Parish.

ROBINSON, Frank, M.D., D.P.H., Deputy Medical Officer of Health for the City of Westminster.

ROBINSON, W., L.R.C.P. and S., Clinical Assistant, Chelsea Hospital for Women.

RODERICK, H. Buckley, M.D., B.C.Cantab., Clinical Assistant to the Chelsea Hospital for Women.

ROSSER, J. S., M.D.Glasg., D.P.H., District and Workhouse Medical Officer of the Llandovery Union.

SATCHWELL, Hubert J., F.R.C.S.I., L.R.C.P.I., Medical Officer and Public Vaccinator to Fullerton District, Boston Union.

SWAINSON, J. M. G., F.R.C.S., Assistant Surgeon to the North-Eastern Hospital for Children, Hackney Road.

TAYLOR, M. R., M.R.C.S., L.R.C.P., Medical Officer of Health, Borough of Helston.

THOMAS, Albert E., M.B., B.Ch.Oxford, D.P.H., Medical Officer of Health for Chester, vice G. A. Kenyon, L.R.C.P.Lond., M.R.C.S.

THOMAS, D. J., M.R.C.S., L.R.C.P., D.P.H., District Medical Officer of the Merthyr Tydfil Union.

THOMAS, L. Kirkby, M.R.C.S. and L.R.C.P.Lond., Anaesthetist to the Birmingham and Midland Hospital for Women.

TYLECOTE, Frank Edward, M.D.Vict., Medical Registrar to the Manchester Royal Infirmary.

WELLBY, S., M.D., B.Ch.Oxon., District Medical Officer of the Petersfield Union.

WILLIAMS, Arnold Winkelried, M.B., C.M., D.P.H., R.C.P.S., Clinical Assistant to the Hospital for Diseases of the Skin, Blackfriars.

WOOLNOUGH, Robert E., M.B., C.M., Senior Medical Officer at the Coast Hospital, Sydney, N.S.W., vice Dr. W. Stevens, resigned.

YOUATT, Leonard, M.B., Ch.B.Vict., D.P.H., Certifying Factory Surgeon for the Prescott District, co. Lancaster.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcements of Births, Marriages, and Deaths is 3s. 6d., which sum should be forwarded in post-office orders or stamps with the notice not later than Wednesday morning, in order to ensure insertion in the current issue.

BIRTHS.

HOWLETT.—On July 9th, at 16, Springfield Road, Kingston-on-Thames, the wife of Bernard F. Howlett, M.R.C.S., L.R.C.P., of a daughter.

LEGGE.—On the 6th August, at 18, Cheyne Row, Chelsea, the wife of Thomas M. Legge, M.D., of a son.

SEALE.—On July 5th, at Oakfield, Ceres, C. C., the wife of E. A. Seale, M.D., of a daughter.

DEATH.

GROSVENOR.—On July 28th, at Arnside, Westmorland, Frederic Ingram Grosvenor, B.A.Cantab., M.R.C.S. and L.R.C.P., late Captain (Medical Department) S.A.C., aged 33 years, youngest son of Frederic Grosvenor, nephew and adopted son of Dr. and Mrs. Alfred Odarin Grosvenor, of the Tower, Priory Road, West Hampstead.

DIARY FOR NEXT WEEK.

POST-GRADUATE COURSES AND LECTURES.

WEST LONDON POST-GRADUATE COLLEGE, West London Hospital, Hammersmith Road, W.—The following are the arrangements for next week: Monday, 3 p.m., Medical Cases; Tuesday, 5 p.m., Surgical Treatment of Ascites; Wednesday, 5 p.m., Tobacco Amblyopia; Thursday, 4 p.m., Surgical Cases; Friday, 5 p.m., Common Symptoms of Throat, Nose, and Ear Diseases.

BOOKS, ETC., RECEIVED.

Handbuch der gerichtlichen Medizin. Herausgegeben von Dr. A. Schmidtmann. Unter mitwirkung von Drs. A. Haberda, Kockel, Wachholz, Puppe, Ziemke, Ungar und Siemerling. Neunte Auflage des Casper-Liman'schen Handbuches. Erster Band. Berlin: August Hirschwald. 1905. M.24.

Carnations, Picotees, and Pinks. Second and revised edition. By H. W. Weguelin, F.R.H.S. London: W. H. and L. Collingridge. 1905. 2s. 6d.

Le Celluloïde en Orthopédie. Par le Dr. L. de Mélier de Labarthe. Paris: Vigot Frères. 1905. Fr.6.50.

L'Evaluation des Incapacités Permanentes basées sur la Physiolcgie des Fonctions ouvrières des diverses parties du corps. Par Dr. Ch. Remy. Rapport présenté au Congrès Médical International des Accidents du travail, Liége 1905. Bruxelles: Imprimerie Scientifique Maison Severeyns; and Paris: Vigot Frères. 1905. Fr. 1.50.

The Victoria University 1905. Dissertation on the Relative Time of Infection of the Lungs and Bronchial Glands in Guinea-pigs Inoculated with Tubercular Material. Submitted for the Degree of M.D. by Harry William Russell, M.B., R.A.M.C., Ch.B.Vict. London and Manchester: Sherratt and Hughes. 1905.

On Educational Reform, School Museums, and the Feeding of School Children. A lecture delivered in Clifford's Inn, January, 1905. By Jonathan Hutchinson, M.D., F.R.S. London: John Bale, Sons and Danielsson, Ltd.

A Contribution to the Pathology of the Endometrium. By Jessie M. Macgregor, L.R.C.P. & S., M.D. Edinburgh and London: William Green and Sons. 1905.

Ueber Lebensprognosen. Von Dr. E. Moritz. 2-te Auflage. St. Petersburg: K. Ricker. 1905.

Massage im Dienste der Kosmetik. Von Professor Dr. J. Zabludowski. Berlin: August Hirschwald. 1905. M.1.

The Medical Profession. By M. Foster Reaney, M.B.Lond., M.R.C.S., L.R.C.P., D.P.H.Lond., I.M.S. The Carmichael Prize Essay for 1904. Dublin: Browne and Nolan, Ltd. 1905. 3s.

Scientific Memoirs by Officers of the Medical and Sanitary Departments of the Government of India. Snake Venoms in Relation to Haemolysis. By Captain George Lamb, M.D., I.M.S. New series, No. 17. Calcutta: Office of the Superintendent of Government Printing. 1905. Annas 6, or 7d.

How to Manage a Baby. By Mrs. Frank Stephens. Introduction by W. Collingridge, M.A., M.D., D.P.H., M.O.H. City of London. London: Horace Marshall and Son, Ltd. 1d.

A Manual of Veterinary Hygiene. By Colonel F. Smith, C.M.G. Third edition. London: Baillière, Tindall and Cox. 1905. 15s.

Lowestoft: Queen of the East Coast. Lowestoft: Regatta and Town Advertising Committee. Free on application to Town Clerk, Falmouth. Edited by George W. May. London: The Health Resorts Association. 1905. Free on application to Town Clerk.

Die palpablen Gebilde des normalen menschlichen Körpers und derin Methodische Palpation. Von Dr. Toby Cohn. I. Teil: Obere Extremität. Berlin: S. Karger, and London: Williams and Norgate. 1905. 5s. 9d.

Résumé of Medical and Pharmaceutical Topics Since the Publication of Squire's Pocket Companion to the British Pharmacopoeia, with a list of Specialities. London: Squire and Sons. 1905.

The Holidays, 1905, Where to Stay and What to See. London: Walter Hill. 1s.

Golden Rules of Psychiatry. By James Shaw, M.D.Qu.Univ.Irel. "Golden Rules" Series No. V. Third Edition. Bristol: John Wright and Co.

A Laboratory Guide in Bacteriology. By Paul G. Heinemann, Sc.B. Chicago: University Press. 1905. 1.50 dol.

Conseil Sanitaire, Maritime et Quarantenaire d'Egypte. Pèlerinage au Hedjaz. Rapport sur l'Aller et le Retour du Pèlerinage de l'année 1905. Présenté par le Dr. Zachariadis Bey. Alexandrie: V. Pinasson. 1905.

Conseil Sanitaire Maritime et Quarantenaire d'Egypte. Campement de Tor. Retour du Pèlerinage de l'année 1905. Alexandrie: V. Pinasson. 1905.

Les Actualités Médicales. Technique de l'Exploration du Tube Digestif. Par le Dr. René Gaultier. Paris: J. B. Baillière et Fils. 1905. Fr. 1.50.

The Edinburgh Stereoscopic Atlas of Anatomy. Edited by David Waterston, M.A., M.D., F.R.C.S.E., F.R.S.E. Section II. Edinburgh: T. C. and E. C. Jack. 1905. £1 5s.

The Surgical Assistant. By Walter M. Brickner, B.S., M.D. New York: The International Journal of Surgery Co. 1905. 2.00 dol.

The Medical History of John Evelyn, D.C.L., F.R.S., and of His Time (1620-1706). By Leonard Guthrie, M.A., M.D.Oxon., F.R.C.P.Lond. London: The Medical Magazine Association. 1905.

Tea and the Effects of Tea Drinking. By W. Scott Tebb, M.A., M.D.Cantab., D.P.H. London: T. Cornell and Sons.

La Chirurgie enseignée par la Stéréoscopie. Guide des opérations Courantes. I. Cure Radicale de la Hernie Inguinale. Par Dr. P. Camescasse et Dr. R. Lehman. Paris: J. B. Baillière et Fils. 1906.

Hastings and St. Leonards-on-Sea. Edited by George W. May. London: The Health Resorts Association. 1905.

Harwich and Dovercourt. Edited by George W. May. London: The Health Resorts Association. 1905.

Die Therapie der Magen- und Darmerkrankungen. Von Dr. Carl Wezele. Dritte gänzlich umgearbeitete Auflage. Jena: Gustav Fischer. 1905. M.8.

The Income-Tax Problem: The Chancellor's Promise and Its Sequel in the Report of the Income-Tax Committee. By A. M. Scarff, F.S.A.A. London: Simpkin, Marshall, Hamilton, Kent, and Co., Ltd. 6d.

Atlas der menschlichen Blutzellen. Von Dr. Artur Pappenheim. Erste Lieferung. Tafel I-XII. Jena: Gustav Fischer. 1905. M.16.

Die Nebenhöhlen der Nase. Von Professor Dr. A. Ónodi. Wien: Alfred Hölder. 1905.

Crystal Gazing: Its History and Practice, with a Discussion of the Evidence for Telepathic Scrying. With an Introduction by Andrew Lang, M.A., LL.D. By Northcote W. Thomas, M.A. London: Alexander Moring, Ltd. 1905. 3s. 6d.

Thought Transference: A Critical Review of the Evidence for Telepathy, with a Record of New Experiments 1902-3. By Northcote W. Thomas, M.A. London: Alexander Moring, Ltd. 1905. 3s. 6d.

Die chirurgische Behandlung der Hämorrhoiden. Von Dr. Paul Schlacht. Zweite Auflage. Königsberg: Gräfe und Unzer. 1904. M.2.

On the Hours of Sleep at Public Schools; A Paper read before the Medical Officers of Schools Association on May 11th, 1905, by T. D. Acland, M.A., M.D.Oxon., F.R.C.P. London: J. and A. Churchill. 1905. 1s.

An Atlas of Illustrations of Clinical Medicine, Surgery, and Pathology, compiled for the New Sydenham Society (a continuation of the "Atlas of Pathology"), chiefly from original sources. Fasciculus xxiii. Being xv of The Clinical Atlas. Drug Eruptions, plates cxlv to cliii. London: The New Sydenham Society. 1905. 10s. 6d.

Dispensing Made Easy. By Wm. G. Sutherland, M.B.Aberd. Second edition. Bristol: John Wright and Co. 1905. 3s. 6d.

Natural Science in Hygiene; or, the Life History of the Non-Bacterial Parasites Affecting Man. By James Rodger Watson, M.A., B.Sc., M.D.Edin. Bristol: John Wright and Co. 1905. 1s. 6d.

Addresses and other Papers. By William Williams Keen, M.D., LL.D., F.R.C.S. (Hon.). Philadelphia and London: W. B. Saunders and Co. 1905. 17s. 6d.

A System of Physiologic Therepeutics. Edited by Solomon Solis Cohen, A.M., M.D. Volume xi. London: Rebman, Ltd. 1905. 12s. 6d. 11 vols., £6 6s.

*** In forwarding books the publishers are requested to state the selling price.

CALENDAR OF THE ASSOCIATION.

Month.	Day of Week.	Meetings to be Held.
August	13...Sunday..	
,,	14...MONDAY ...	
,,	15...TUESDAY ...	
	16...WEDNESDAY	Altrincham Division, *Lancashire and Cheshire Branch*. Visit to Crossley Sanatorium, Delamere (Phthisis).
,,	17...THURSDAY...	
,,	18...FRIDAY ...	
,,	19...SATURDAY...	
,,	20...Sunday..	
,,	21...MONDAY ...	
,,	22...TUESDAY ...	
,,	23...WEDNESDAY	
,,	24...THURSDAY...	
,,	25...FRIDAY ...	
,,	26...SATURDAY...	
	27...Sunday..	
,,	28...MONDAY ...	
,,	29...TUESDAY ...	
,,	30...WEDNESDAY	
,,	31...THURSDAY...	

Month.	Day of Week.	Meetings to be Held.
Sept.	1...FRIDAY ...	
,,	2...SATURDAY...	
,,	3...Sunday..	
,,	4...MONDAY ...	
,,	5...TUESDAY ...	
,,	6...WEDNESDAY	
,,	7...THURSDAY	
,,	8...FRIDAY ...	
,,	9...SATURDAY...	
,,	10...Sunday..	
,,	11...MONDAY ...	
,,	12...TUESDAY ...	
,,	13...WEDNESDAY	
,,	14...THURSDAY...	
,,	15...FRIDAY ...	
,,	16...SATURDAY...	
,,	17...Sunday..	
,,	18...MONDAY ...	
,,	19...TUESDAY ...	
,,	20...WEDNESDAY	Altrincham Division. *Lancashire and Cheshire Branch*, Quarterly Meeting at Knutsford.
,,	21...THURSDAY...	
,,	22...FRIDAY ...	
,,	23...SATURDAY...	

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